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62.37

# BOLGIANO'S

of BALTIMORE

## "BIG KROP"

TRADE MARK REG. U. S. PAT. OFF.

SEEDS for 1923

*Tested and Trusted Over a Century*

*Bolgian's  
"Early  
Bird"  
Peas*

*Bolgian's  
"Florida  
Special"  
Tomato*

BOLGIANO'S  
"THREE DAINTIES"  
FOR 25¢ POSTPAID  
ONE LARGE 10¢ PKT. OF  
EACH OF THESE 3  
CHOICE DELICIOUS  
VEGETABLES FOR  
25¢ POSTPAID

*Bolgian's Famous Stock  
Big Boston Lettuce*

The J. BOLGIANO SEED COMPANY

FOUNDED 1818

INCORPORATED 1921

BALTIMORE, MARYLAND

WE HAVE NO BRANCH HOUSES



# BOLGIANO'S "SUPREME"

## *Vegetable Garden Collection*

8 LARGE 10¢  
PKTS. OF THE  
CHOICEST VEG-  
ETABLE SEED  
FOR 50¢ POSTPAID

*Each fully described  
in catalog*

*Bolgiano's Stringless  
Greenpod Beans*

*"John Baer"  
Tomato*

*Bolgiano's  
"Cream & Honey"  
Sugar Corn*

*Bolgiano's  
Morning Glory  
Peas*

*Bolgiano's  
"Emerald Isle"  
Pole Limas*

*Bolgiano's  
"Masterpiece" Lettuce*

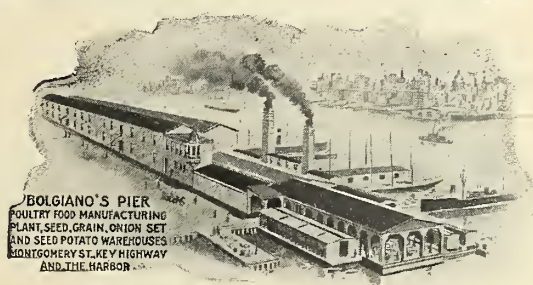
*Bolgiano's  
"Early Spring" Beet*

*Bolgiano's  
"Crystal Springs" Cucumbe*



# BOLGIANO'S SEEDS

FOUNDED 1818 TESTED AND TRUSTED OVER A CENTURY QUALITY & SERVICE



## HOW TO ORDER BOLGIANO'S SEEDS—READ CAREFULLY

We Fill Orders of All Values, from the Smallest to the Largest, and All Receive the Same Careful and Prompt Attention. Prices in this Catalogue are Subject to Market Changes—Special Quotations Promptly Given

**FREE DELIVERY BY MAIL.** We deliver free to any postoffice in the United States all Vegetable and Flower Seeds offered in this Catalogue by the packet, ounce, quarter-pound and pound.

**When Best to Order.** We are fully equipped for filling orders and supplied with New Crop Seeds. Order at once, so that you can have your seed on hand ready to start planting your crops at the proper time without delay.

**One or Two Cent Postage Stamps.** We will accept the same as cash. Do not send other kinds.

**Use Our Order Blank If You Have One.** If you haven't one, use any plain paper.

**Tell Us In Your Own Way What You Want,** in any language. Enclose in your letter the amount of money, either a postoffice money order, which you can get at the postoffice, an express money order, which you can get at the express office, or a draft, which you can get at any bank, or put the money in your letter, take it to the postoffice and tell postmaster you want it registered.

**Be Sure to Sign Your Name and Address.** If by boat or railroad, say distinctly which boat or railroad to ship by, and if freight has to be prepaid, add this amount to your order to prevent delay.

**Change of Address.** If you have changed or intend to change your address, please let us know; we will change it on our books, so that you will receive our Catalogue at your new postoffice. We thank you for doing this.

**Market Gardeners, Farmers' Clubs and Institutions** wanting to purchase seeds in unusually large quantities should write for special prices. We have made prices very low in this Catalogue, yet when a number of bushels or pounds are wanted we can frequently supply at lower price than by the single pound or bushel. In writing give us a list of quantities and varieties required, and we will return list promptly with our lowest price for the lot.

**Always Remember That We Can Save You Money, No Matter Where You Live.** Write us about any seed you would like to know of, and your letter will be answered the same day it is received. If you wish to know exactly what the freight or express would be on any article to your station, write us and we will tell you.

**AS TO WARRANTY.** We Believe Our Seeds will produce for you the best crops you have ever grown, and to show what confidence we have in our seeds, if they prove otherwise than represented by us, we will refill your order free of charge; but it must be agreed that we do not warrant the crops grown therefrom, either expressed or implied, as to description, purity, productiveness or any other matter, and we will not be in any way responsible for them. If the purchaser does not accept our seeds, etc., on these terms they are at once to be returned and the money that has been paid for the same will be refunded. We appreciate your orders and they receive our prompt attention.

## REFERENCE TABLE

No. Lbs. Quantity to Bu. Per Acre			No. Lbs. Quantity to Bu. Per Acre			No. Lbs. Quantity to Bu. Per Acre		
Asparagus, 1 oz. to 200 plants or 50 feet of drill.....	5 lbs.		Egg Plant, 1 oz. to 2000 plants.....	4 ozs.		Peas, Garden, Wrinkled, 1 lb. to 100 ft. of drill.....	56 lbs.	2 bu.
Asparagus Roots, 1 oz. to 1000 plants.....	7250		Endive, 1 oz. to 100 feet.....	4 1/2 lbs.		Peas, Marrowfats in drills.....	60 lbs.	1 1/2 bu.
Barley, Broadcast.....	48 lbs.	2 1/2 bu.	Flax Seed, broadcast.....	56 lbs.	1 bu.	Peas, Field or Canada, broadcast.....	60 lbs.	2 bu.
Beans, Dwarf, 2 lbs. to 100 ft.....	60 lbs.	1 bu.	Grass, Kentucky Blue.....	14 lbs.	28 lbs.	Pepper, 1 oz. to 1,500 plants.....		6 ozs.
Beans, Pole, 1 lb. to 100 hills.....	60 lbs.	1 bu.	Grass, Canadian Blue.....	14 lbs.	30 lbs.	Potatoes, cut tubers.....	56 lbs.	10 bu.
Beets, Garden, 1 oz. to 50 ft.....	6 lbs.		Grass, Druid Hill Park Lawn.....	30 lbs.	60 lbs.	Pumpkins, 4 ozs. to 100 hills.....		4 lbs.
Beet, Mangel, 1 oz. to 100 ft.....	6 lbs.		Grass, Red Top fancy re-cleaned.....	32 lbs.	10 lbs.	Radish, 1 oz. to 100 ft.....		8 lbs.
Brussel Sprouts, 1 oz. to 5000 plants.....	2 ozs.		Grass, Timothy.....	45 lbs.	1 bu.	Radish, broadcast.....	12 lbs.	
Broom Corn, in hills.....	46 lbs.	8 lbs.	Grass, Orchard.....	14 lbs.	2 bu.	Rape.....	50 lbs.	3 lbs.
Buckwheat, broadcast.....	48 lbs.	1 bu.	Grasses, Perennial Rye, Italian Rye, Wood Meadow.....	2 bu.		Rhubarb, 1 oz. of seed to 1,000 plants.....		
Cane Seed, for fodder.....	50 lbs.	70 lbs.	Grass, German.....	50 lbs.	1 bu.	Rye, broadcast.....	56 lbs.	1 1/2 bu.
Carrot, 1 oz. to 100 ft.....	3 lbs.		Grass, Hungarian Millet.....	48 lbs.	1 bu.	Sage, in drills.....		5 lbs.
Cauliflower, 1 oz. to 3000 plants.....			Grass, Rhode Island Bent.....		3 bu.	Salsify, 1 oz. to 50 ft. of drill.....		8 lbs.
Celery, 1 oz. to 10,000 plants, 1 oz. to 100 feet of drill.....	1/2 lb.		Chemp.....	44 lbs.	1 bu.	Sorghum.....	50 lbs.	12 lbs.
Chicory, 1 oz. to 100 feet.....	4 lbs.		Horse Radish Roots.....	10,000-15,000		Spinach, in drills, 1 oz. to 100 ft.....	50 lbs.	25 lbs.
Clover, Alsike and White.....	60 lbs.	8 lbs.	Kale, 1 oz. to 5,000 plants or 200 feet of drill.....	50 lbs.	5 lbs.	Summer Savory.....		3 lbs.
Clover, Alfalfa or Lucerne.....	60 lbs.	20 lbs.	Kohl Rabi, 1/2 oz. to 100 feet.....	4 lbs.		Sunflower.....		8 lbs.
Clover, Crimson or Scarlet.....	60 lbs.	15 lbs.	Leek, 1/2 oz. to 100 ft. of drill.....	4 lbs.		Squash, Bush, 1 oz. to 100 hills.....		4 lbs.
Clover, Mammoth Red, Medium Red.....	60 lbs.	12 lbs.	Lettuce, 1/2 oz. to 100 ft. of drill, 1 oz. to 3,000 plants.....	3 lbs.		Squash, Running Varieties, 8 oz. to 100 hills.....		3 lbs.
Collards, 1 oz. to 5,000 plants.....	1 lb.		Martynia, 1 oz. to 100 ft.....	5 lbs.		Tomato Seed, 1 oz. to 3,500 plants.....		4 ozs.
Corn, in hills, field, shelled.....	56 lbs.	8 qts.	Melon, Mush, 1 oz. to 100 hills.....	3 lbs.		Tobacco, 1 oz. to 5,000 plants.....		1 oz.
Corn, Field on the ear.....	70		Melon, Water, 4 oz. to 100 hills.....	5 lbs.		Turnip, 1 oz. to 200 ft.....		2 lbs.
Corn, for fodder or soiling.....	2 1/2 bu.		Mustard, oz. to 100 ft.....	30 lbs.		Turnip, broadcast.....		2 1/2 lbs.
Corn, Sweet, sold by measured bush, 1 pint to 100 hills.....	6 qts.		Nasturtium, 2 ozs. to 100 ft.....	15 lbs.		Vetches, broadcast.....	60 lbs.	2 bu.
Corn, Rice Pop Corn (shelled).....	2 qts.		Okra, 1 oz. to 100 ft. of drill.....	8 lbs.		Wheat, broadcast.....	60 lbs.	2 bu.
Corn, Salad, 3 ozs. to 100 ft.....	6 lbs.		Oats, broadcast.....	32 lbs.	2 1/2 bu.	Wheat, in drills.....	60 lbs.	1 bu.
Cress, 1/2 oz. to 100 ft. of drill.....	12 lbs.		Onion Seed, 1/2 oz. to 100 ft.....	5 lbs.				
Cucumber, 1 oz. to 50 hills.....	2 lbs.		Onion Seed, for sets.....	60 lbs.		Clover, { Together { 6 lbs. Clover		
Dill, 1-3 of oz. to 100 ft.....	5 lbs.		Onion Sets, qt. to 40 ft.....	32 lbs.	8 bu.	Red Top, { One Acre { 6 lbs. Red Top		
			Farsnips, 1/2 oz. to 100 ft.....	5 lbs.		Clover, { For One { 6 lbs. Clover		
			Farsley, 1/2 oz. to 100 ft.....	3 lbs.		Timothy, { Acre { 10 lbs. Timothy		
			Peas, Garden Smooth, 1 pint to 100 ft. of drill.....	60 lbs.	1 bu.	Red Top, { For One { 6 lbs. Red Top		
						Timothy, { Acre { 8 lbs. Timothy		



## UNITED STATES PARCEL POST RATES—FOURTH-CLASS MATTER



United States Parcel Post Map Showing Zones from Baltimore, Md.

*On most of the articles listed in this Catalogue, we have given the mailing weight. By referring to the Parcel Post Map above, you can easily see in what zone you are located, and from Rate Table, you can easily determine the amount of postage required.*

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INTRODUCED BY BOLGIANO OF BALTIMORE IN 1920

**The Most Wonderful Yields Ever Known**

**Two Weeks Earlier than the Earliana. Stands Long Distance Shipping. First Fruit as Good as the Prime of the Season. A Solid Mass of Red, Meaty Flesh, Skin Tough, Flesh Tender and Sweet**

The recommendations we have received far exceed those received from any of our other new creations. Nature with her wonderful activities, helped by our expert selections has produced this wonder of the tomato family. This tomato fills every need of the grower, whether it be for canning, the market, or for home consumption.

The Bolgiano Tomato is very smooth and its heavy potato-leaf foliage protects it from Sun scald and blister. The Bolgiano Tomato is a most wonderful producer, blossoming continuously throughout the Season. It has produced large returns from a single acre when adjoining fields have been almost barren.

Deep red in color, very solid, free from watery seed cavities, a solid mass of meaty flesh. No tough green core. No green streaks radiating from the stem end. Fruit picked ripe has remained fit for table use for two weeks.

The flesh is sweet and tender while the skin is very tough which makes it an exceptionally good long distance shipper, remaining solid and as fresh as if just pulled from the vine.

Plants set out on the twentieth of May have produced ripe fruit by the first of July.



The "Bolgiano" Tomato

It is the best yielder on the market stall and it can be grown successfully in any part of the United States. The Bolgiano Tomato introduced by us in 1920 is acknowledged to be a most wonderful variety and we would like all of our friends to give it a trial.

Pkts. 5c and 10c. ½ Oz. 50c. Oz. 90c. 2 Ozs. \$1.50.  
¼ Lb. \$2.75. ½ Lb. \$5.15. Lb. \$10.00. Postpaid.

## 311 Bolgiano's "Florida Special" Tomato

**Introduced By Us Twelve Years Ago Primarily for Florida on Account of Its Blight Resisting and Excellent Shipping Qualities. Now Used In All Other Tomato Growing Sections with Marked Success**



Bolgiano's "Florida Special" Tomato

Bolgiano's "Florida Special" Tomato was developed especially to fill a long felt need for a tomato that would resist blight and at the same time have the necessary qualities of a good shipper; these two vital points are among the many that make this tomato so popular to-day with our Florida friends.

Bolgiano's "Florida Special" while especially well adapted for Florida has been used in other tomato growing sections with the same high degree of success. Its color is red, large size, fine flavored, firm and very prolific and as early as the Earliana, a most excellent shipper, standing the long distance shipment from Florida to the Northern markets remarkably well. It is very solid and excellent for slicing.

If you grow tomatoes, no matter where you are located in the United States, it will pay you to give this variety a trial. Pkts. 5c and 10c. ½ Oz. 25c. Oz. 40c. 2 Ozs. 70c. ¼ Lb. \$1.30. ½ Lb. \$2.40. Lb. \$4.50. Postpaid.



# "John Baer" Tomato The Earliest of the Earlies

INTRODUCED BY BOLGIANO OF BALTIMORE IN 1914

We Are the Sole Distributors of Originators' Stock

## The Best Extremely Early Tomato on Earth

"John Baer" Tomato produces the most perfect High Crown Tomatoes ever grown, entirely free from core. "John Baer" Tomato produces an enormous crop of tomatoes, 100 fruit or over to each plant. Every "John Baer" Tomato ripens evenly right up to the stem. No eripples, no scalds, no blight, no cracked, no wrinkled, no one-sided, uneven, scarred fruit. When dead ripe "John Baer" will not burst. "John Baer" has a wonderful glistening brilliant, bright red color. "John Baer" has a mild, deliciously sweet flavor. "John Baer" Tomato is almost seedless. A marvelous stem setter, often ten fruit in first cluster, solid and meaty. "John Baer" Tomato is the most perfect shipping tomato ever grown—24 fruit exactly fill a six carrier basket. As a packing tomato, "John Baer" is a miraele—they all pack fancy, no seconds and all pack whole.

Pkts. 5c and 10c. ½ Oz. 30c. 1 Oz. 50c. ¼ Lb. \$1.40. ½ Lb. \$2.65. Lb. \$5.00. Postpaid.



"John Baer" Tomato  
Bolgiano's Perfect Type

297

## Bolgiano's "Greater Baltimore" Tomato

INTRODUCED BY BOLGIANO OF BALTIMORE IN 1905

### The World's Greatest Canning Tomato

The Best Second Early and Main Crop Tomato. Ranks First in Yield and Quality. Its Extremely Heavy Weight, Due to Its Firmness and Great Meatiness, Makes It a Wonderful Canning Tomato. It Ripens Evenly to the Stem and is Entirely Free from Ridges, Cracks and Blight. Smooth, Well-Formed. Fruits in Large Clusters at Every Second Joint. Joints Are Short and Sturdy. Brilliant Red Color. Vigorous, Compact, Healthy Vines. Just Doubles the Yield of Many of the Best Cropping Tomatoes You Have Ever Grown.

One man raised 17,000 plants from one-fourth pound of "Greater Baltimore" Tomato Seed. "Vigorous grower, strong, healthy plants. Fruit uniform in shape and size, large, very regular, smooth, shapely, fleshy, very meaty, ripens well and evenly. Beautiful bright red color, fruit very handsome, dozens weighing 30 ounces, and several exceeding 32 ounces." Seed planted side by side with Stone has outyielded that variety four to one. Used almost exclusively by the principal cannerys of the United States and Canada.

Pkts. 5c and 10c. ½ Oz. 25c. Oz. 40c. 2 Ozs. 70c. ¼ Lb. \$1.30. ½ Lb. \$2.40. Lb. \$4.50. Postpaid.



Greater Baltimore Tomato

## 77 "My Maryland" Tomato

INTRODUCED BY BOLGIANO OF BALTIMORE IN 1911

### A Marvelous Double Yielder

### A Wonderful Second Early Main Crop Tomato

The vast possibilities of this Tomato are astonishing. We believed in Greater Baltimore Tomato the limit of productiveness had been reached, but "My Maryland" so far outyields any other Tomato ever grown that its remarkable productiveness is amazing. People have driven miles to see a field of "My Maryland" Tomatoes, and they all marveled at the prodigious abundance of the crop it had produced. The fields were literally covered with the finest well-shaped, perfectly formed, solid, smooth, bright red, uniform fruit, all free from roughness and cracks, much larger than any ever seen before. It was called then and there "A Winner," and it well deserved the title. The Tomatoes are much larger and far heavier than the Greater Baltimore.

Pkt. 10c. ½ Oz. 30c. Oz. 50c. 2 Ozs. 80c. ¼ Lb. \$1.40. ½ Lb. \$2.65. Lb. \$5.00. Postpaid.



"My Maryland" Tomato



# Bolgiano's "Sure Summer Header" Lettuce

INTRODUCED BY BOLGIANO OF BALTIMORE IN 1922

One of the Best Summer Heading Lettuces



Bolgiano's "Sure-Summer Header" Lettuce

This is the best Mid-Summer Variety, resisting heat and drought and remains in a heading condition longer than any other. It is a sure header in the hottest, driest weather and proves a big success under conditions when all others fail. The heads are a good size, very solid, a fresh green color. Loose leaves can all be used as they are brittle and tender. This strain is a big improvement over all other Summer varieties. Pkts. 5c and 10c. Oz. 15. ¼ Lb. 45c. ½ Lb. 80c. Lb. \$1.50. Postpaid.

## Read What a Market Gardener of Long Experience Says

Mr. J. F. Langenfelder, of Baltimore County, Md., says: "Bolgiano's Sure Summer Header Lettuce is all that you claim it to be. During July of this year I had a small patch of this lettuce planted along side of another variety. Both kinds were planted same time and under identical conditions. Every head of the Sure Summer Header was cut and marketed at \$1.00 per box, while the other lettuce all went to seed and not one head fit to market. In my lifetime experience as a market gardener, it is the only lettuce I have ever been able to realize a good profit from during the summer months. I highly recommend it to my fellow gardeners."

# 415 Bolgiano's "Masterpiece" Lettuce

INTRODUCED BY BOLGIANO OF BALTIMORE IN 1920

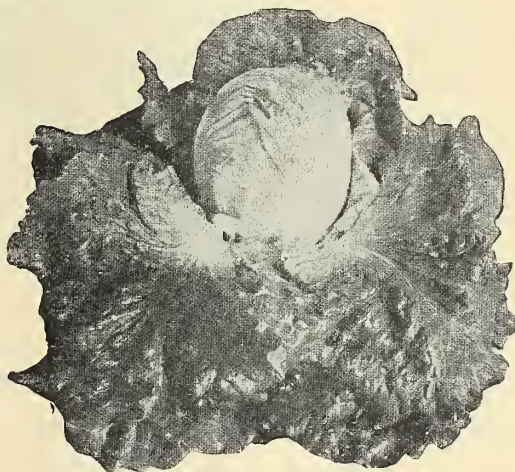
Sure Header, Very Solid, Beautifully Blanched, Crisp as Ice, Mild, Tender, Delicious Flavor.

A Very Profitable Lettuce to Grow

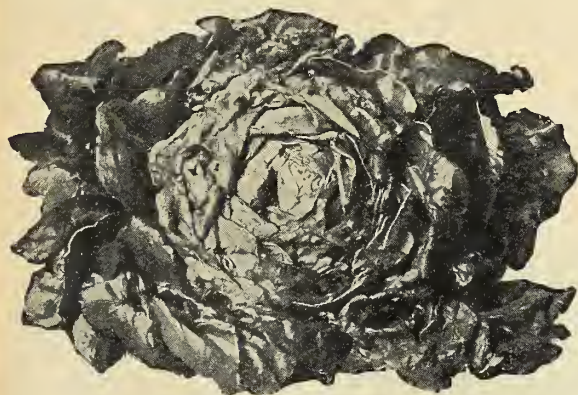
A sure header, very solid, beautifully blanched, crisp as ice, with a mild tender, sweet, delicious flavor. No matter how hot or how long it remains in the garden, it will keep crisp, tender and sweet. No bitterness. It will not go to seed quickly. Heads grow to the size of 24 inches around and 12 inches from tip to tip of leaf. Can be grown in open ground after danger of frost is over, all during Summer and early Fall. Never spots or turns dark in any part.

This Lettuce will please the most critical market gardeners. It is equally well suited for the home garden, nearby markets, or long-distance shipping. It does well in any section of the country, and Lettuce growers throughout the United States will find it a very profitable variety to grow.

Pkts. 10c. ½ Oz. 30c. Oz. 50c. ¼ Lb. \$1.40. ½ Lb. \$2.65. Lb. \$5.00. Postpaid.



Bolgiano's "Masterpiece" Lettuce



Bolgiano's "Long Lost" Lettuce

# 380 "Long Lost" Lettuce

INTRODUCED BY BOLGIANO OF BALTIMORE IN 1915

PUREST AND TRUEST STOCK

With war conditions over at our Growing Station, we are now in a position to offer the purest and truest stock of this most wonderful lettuce since its introduction in 1915.

"Long Lost" Lettuce is decidedly buttery in flavor, sweet, tender, with both finest shipping and eating qualities. Leaves are of much substance and not easily torn.

"Long Lost" Lettuce is of a solid, bright, attractive green. It is never spotted or brownish in any part.

As a splendid shipper "Long Lost" Lettuce far surpasses every other Lettuce, including the Big Boston. It is a wonderful shipper and those growers who realize it first and quickly grasp this remarkable opportunity, are the ones who will profit far beyond their highest hopes.

"Long Lost" Lettuce produces large, extremely solid, compact, cabbage heads. It is a reliable, sure header and is very hardy. It will Winter over better than Big Boston Lettuce. It stands the cold.

"Long Lost" Lettuce will keep remarkably well. It is distinctly a market gardeners' and Southern shippers' Lettuce. Heads are large, compact, globular in shape, very firm, well defined and beautifully blanched.

Pkt. 10c. ½ Oz. 30c. Oz. 50c. 2 Ozs. 80c. ¼ Lb. \$1.40. ½ Lb. \$2.65. Lb. \$5.00 Postpaid.

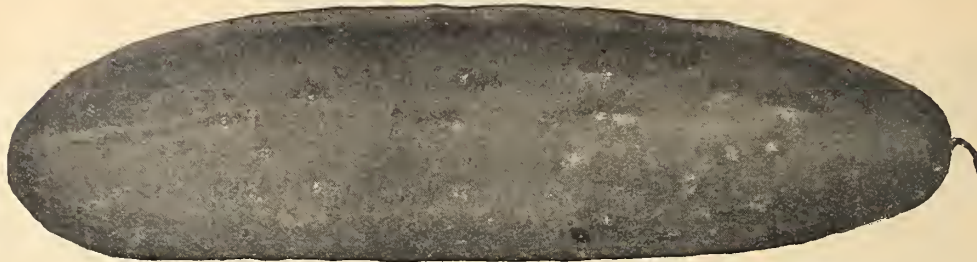


## Bolgiano's "Crystal Springs" Cucumber

THE EARLIEST, BEST WHITE SPINE CUCUMBER ON EARTH  
INTRODUCED BY BOLGIANO OF BALTIMORE IN 1918

HEAVY  
YIELDER

CONTINUOUS  
BEARER



ATTRACTIVE, RICH, GLOSSY, DEEP GREEN COLOR—NEVER TURNS YELLOW

The vines are of strong, vigorous growth with healthy foliage, mildew-proof, and maintains their luxuriance and set the extra long fruit abundantly from the earliest to the latest season. The Cucumbers are uniformly smooth and regular in form—in fact, it is the most perfect Cucumber that you have ever seen. No misshapen fruits or culls. The skin is thin and tender. An attractive rich glossy deep green in color, which it carries to the very tips. It never turns yellow, even when fully ripe. The flesh is firm, fine grained and tender, sparkling white, of the most delightful and refreshing flavor. It is entirely free of the bitter taste so often noticed in other varieties. The flesh is thick, the fruit being two to three inches in diameter, with very few seeds. It is ideal for slicing. The quality is superb. Bolgiano's New "Crystal Springs" Cucumber is the Earliest, Heaviest Yielding, Long Green White Spine Cucumber ever known, under all conditions of culture, whether under glass or in the open ground. It is the ideal Cucumber for either shipping, market or home use. Pkts. 5c and 10c. Oz. 20c.  $\frac{1}{4}$  Lb. 60c.  $\frac{1}{2}$  Lb. \$1.10. Lb. \$2.00. Postpaid.

## 84 Bolgiano's "Early Fortune" White Spine Cucumber

INTRODUCED BY BOLGIANO OF BALTIMORE IN 1900

A  
GREAT  
MONEY  
MAKING  
CUCUMBER

FAVORITE  
AMONG  
THE  
SOUTHERN  
SHIPPERS



Bolgiano's Early Fortune White Spine Cucumbers All Pack Fancy

Early Fortune Always Brings the Highest Prices. You Can Always Depend on Early Fortune

In color, Early Fortune is a rich, attractive deep green. This inviting color it retains during a much longer period of growth than any other variety; it is so regular in form, one so much like the other, growers marvel at the purity and trueness of our stock—in fact, in selecting our stock seed these Cucumbers are so perfect it is almost impossible to say which is best.

The quality is superb, flavor delicate, refreshing and delightful, entirely free from any bitterness; being fine-grained, the flesh compact, it is exceedingly crisp and brittle, making it an ideal slicing Cucumber.

As a shipping Cucumber, "Early Fortune" cannot be surpassed, as it holds up in color and quality longer and better than any other variety.

Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 45c.  $\frac{1}{2}$  Lb. 80c. Lb. \$1.50. Postpaid.

## 405 "General Pershing" Watermelon

INTRODUCED BY BOLGIANO OF BALTIMORE IN 1919

More Prolific Than Watson, Sweeter Than Kleckley Sweet. Will Stand Long Distance Shipping Better Than Any Other Melon.

"General Pershing" Watermelon is a distinct and very valuable melon. The productiveness is wonderful, producing more marketable melons under the same conditions than any other melon. It is the best to stand dry weather and produces no culls. The vines resist insects that attack them. It is a long melon, well filled out at both ends. The eating quality is unequalled. The sparkling red flesh is as sweet as honey and fairly melts in your mouth. It is entirely free from hard centers and stringiness, yet the flesh is very firm and compact. The size is uniformly large, ranging from 35 to 50 pounds each. Color of rind a light pea green. Ripens much earlier than the Tom Watson, and will keep in good condition for a long time after picking. Will stand long-distance shipping better than any other melon. The rind will not sunburn and will keep in good condition for several days in the sun after becoming ripe, while all dark rind melons will blister on the top, which makes them unsalable.

Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 45c.  $\frac{1}{2}$  Lb. 80c. Lb. \$1.50. Postpaid.



"General Pershing" Watermelon



# Bolgiano's "Unsurpassed" Cantaloupe

INTRODUCED BY BOLGIANO OF BALTIMORE IN 1920

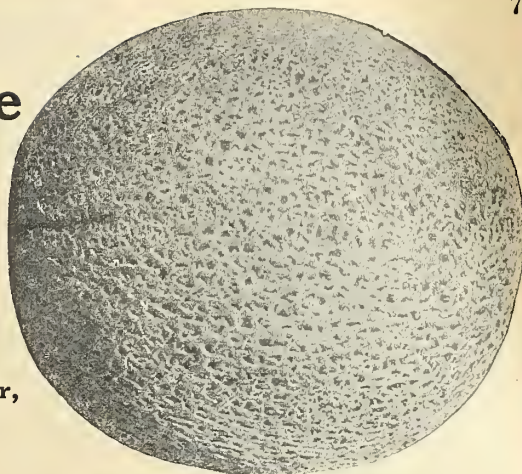
**The Best Cantaloupe Ever Grown**

FAIRLY MELTS IN YOUR MOUTH

**Tender, Delicious, Sweet Flavored, Salmon  
Colored Meat**

**Vigorous Grower, Blight Resister, Enormous Producer,  
Splendid Shipper, Solid Netted, No Culls,  
Handsome Appearance**

SATISFIES THE MOST CRITICAL TRADE

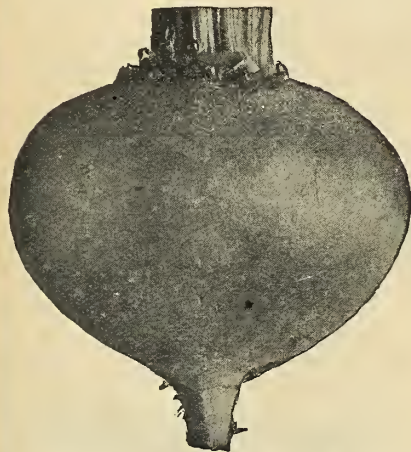


Bolgiano's "Unsurpassed" Cantaloupe

The meat is salmon color, delicious, sweet flavor, perfectly tender and not stringy or tough. It fairly melts in your mouth. The vines are of a vigorous growth, one of the best blight resisters, producing large crops of even size melons, absolutely no culls, solid netted which gives it a beautiful appearance. It is just the kind of Cantaloupe that the shippers and market gardeners should grow, as it sells in any market at a high price. No one purchasing this melon would ever buy any other kind. It is without exception the greatest money maker for the market gardeners, and it will please the most critical buyer and will stand long-distance shipping successfully.

The home gardener will make no mistake in planting this Cantaloupe, and when once used, he will plant nothing else.

Pkts. 5c and 10c. Oz. 20c. 2 Ozs. 35c.  $\frac{1}{4}$  Lb. 60c.  $\frac{1}{2}$  Lb. \$1.10. Lb. \$2.00. Postpaid.



Bolgiano's New Early Spring Beet

## 377 Bolgiano's New "Early Spring" Beet

INTRODUCED BY BOLGIANO OF BALTIMORE IN 1916

**The First Beet in Market, Where it Commands Fancy Prices**

Bolgiano's New "Early Spring" Beet has now been given a trial by all the leading market gardeners. They have been wild in their praise of its wonderfully good qualities. It was the first Beet in market, where it commanded the fancy prices. Most perfect in shape and beautiful deep red color. It is much earlier maturing than Crosby's Egyptian and is of a much finer grain. Has a very small tap root, also top not being quite as large as Crosby's Egyptian. Even in maturing, that is, all the Beets can be pulled one week after you start in pulling. Can be sown under grass and transplanted outdoors or sown in the open field and will mature much earlier than Crosby's Egyptian. Bolgiano's New "Early Spring" Beet is the result of years of reselecting and improving, resulting in, we believe, the earliest and best Beet on the market. It will pay you handsomely to give it a trial.

Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c.  $\frac{1}{4}$  Lb. 45c.  $\frac{1}{2}$  Lb. 80c. Lb. \$1.50. Postpaid.



Bolgiano's "Square Deal" Cabbage

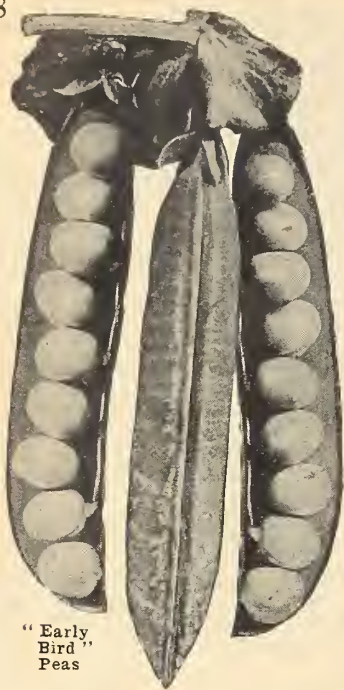
## 154 Bolgiano's New "Square-Deal" Cabbage

INTRODUCED BY BOLGIANO OF BALTIMORE IN 1910

It is absolutely a "Square Deal," as we have seen ten-acre fields without a single irregular head. The uniform heads are of excellent size for shipping, larger than the "New Leader" and yet not so large as to be unwieldy. The color is a fine fresh green and is retained during long shipments. The heads are solid and compact with very few outer leaves. For a fine Solid, Tender, Uniform, Early Flat Cabbage, Bolgiano's New "Square Deal" Cabbage challenges the world. The demand for a fine Cabbage of this character led us by the most rigid and careful selection, to mature this Cabbage, which we are confident will give all our friends and customers a "Square Deal" every time.

Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 15c. Oz. 25c. 2 Ozs. 40c.  $\frac{1}{4}$  Lb. 65c.  $\frac{1}{2}$  Lb. \$1.20. Lb. \$2.25. Postpaid.





"Early Bird"  
Peas

## Bolgiano's "Early Bird" Pea

INTRODUCED BY BOLGIANO OF BALTIMORE IN 1917

**A Wonderful New Early Semi-Wrinkled Dwarf Pea Extremely Early, Very Hardy, Mammoth Podded Vines 2 to 2½ Feet High**

1048. Bolgiano's "Early Bird" Peas are unsurpassed for their extreme earliness, superb quality and unusual productiveness.

The dwarf, vigorous vines measure 2 to 2½ feet and carry enormous crops of large, long, beautiful, deep-green pods.

The handsome pods measure 4 to 4½ inches long and are filled with 9 to 10 slightly indented, round, blue marrow Peas.

The Peas are large in size and of the most luscious flavor.

Bolgiano's "Early Bird" Peas can be sown as soon as the ground can be worked, for they do not rot in the ground like fully wrinkled varieties.

Bolgiano's "Early Bird" Peas can be pulled as early as the Extra Early Alaskas, with pods double the size.

A robust grower and a very heavy cropper.

As a Pea for the home garden it is unsurpassed.

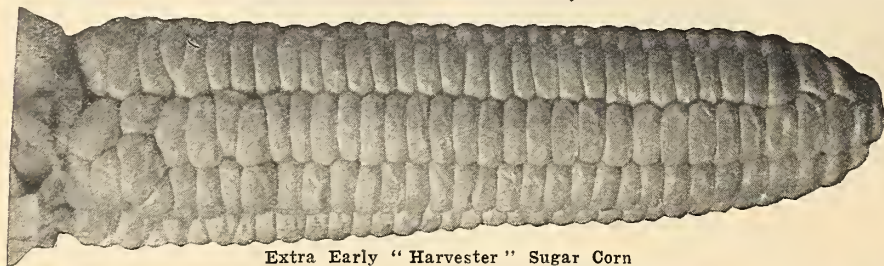
Pkt. 10c. ½ Lb. 25c. Lb. 40c. 2 Lbs. 75c. 10 Lbs. \$3.50. 25 Lbs. \$8.00. 100 Lbs. \$30.00.

## 1290 Bolgiano's Extra Early "Harvester" Sugar Corn

INTRODUCED BY BOLGIANO OF BALTIMORE IN 1920

**First Delicious White Sugar Corn on the Market. Earlier, Sweeter than the Golden Bantam. Rapid Grower. Medium Height, Enormous Yielder**

This is the best Extra Early White Sugar Corn that has ever been placed on the market. For many years the home gardeners have been anxious to obtain a white Corn that would be as early and as sweet as the "Golden Bantam." Bolgiano's "Extra Early Harvester" Sugar Corn has been thoroughly tested and tried with all the other extra early varieties. It is several days earlier than the "Golden Bantam," sweeter flavor, pure white in color. We tested this Corn in the northern part of Maine where the seasons are very short and where often Corn does not grow to maturity. Bolgiano's



Extra Early "Harvester" Sugar Corn

"Extra Early Harvester" Sugar Corn has won honors in this section, always maturing. It can be planted early in the Spring, just as soon as the ground begins to show warmth. It is a rapid grower, medium in height. This is a superior variety for the home gardener and is a profitable extra early Corn for market gardeners. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

## 1288 Bolgiano's "Best Yet" Stringless Wax Bean

INTRODUCED BY BOLGIANO OF BALTIMORE IN 1920

**Beautiful Lemon Yellow Wax Pods Without Rust, Rot or Blight. Absolutely Stringless**

Of all the Wax Beans Bolgiano's "Best Yet" Stringless Wax Beans are the finest that have ever been introduced. The plant is of an erect, bushy habit, reaching 18 to 20 inches high, thus protecting the fleshy pods from wet soils during rainy seasons. Pods 6 to 7 inches long, rich lemon yellow in color, brittle, absolutely stringless, without fiber.

Market gardeners will be delighted with Bolgiano's "Best Yet" Stringless Wax Beans because they are a wonderful yielder, the bushes are heavy laden with pods free from rust, rot or blight. This makes them very desirable for both market and canning trade. Its tenderness and delicious flavor has attracted not only the market gardeners but the home gardeners as well. They retain their flavor when canned, and one would believe they were eating Beans fresh from the vines. You could readily afford to place your entire acreage in Bolgiano's New Stringless Wax Beans. Market gardeners who grow a crop of these wonderful Beans will be the big money makers.

Wide-awake home gardeners will be the first to enjoy the most delicious stringless wax Bean ever created.

Pkt. 10c. ½ Lb. 20c. Lb. 35c. 2 Lbs. 60c. 10 Lbs. \$2.75. 25 Lbs. \$6.25. 100 Lbs. \$23.00.



Bolgiano's "Best Yet" Wax Beans



# Bolgiano's "Big Krop" Vegetable Seeds for 1923

We Pay Postage on Pkts., Ozs., ¼ Lbs. and Pounds of All Vegetable Seeds—Except Beans, Peas and Sugar Corn—On These the Postage Extra and Must Be Included in Remittance—See Parcel Post Table on Page 2

## Asparagus Seed ASPERGE—Esparrago Spargel



Asparagus

1. **New Palmetto.** Is very early, large yielder, and very regular and even in growth. Average bunches contain 15 shoots, measuring 13½ inches in circumference; weighs 2 pounds. It is equally well adapted for all sections. Its quality is unequalled. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 60c. 5 Lbs. at 55c.
2. **Conover Colossal.** A well-known variety. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 60c. 5 Lbs. at 55c Lb.
526. **Columbian Mammoth White.** Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 60c. 5 Lbs. at 55c Lb.
582. **Barr's Mammoth.** Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 60c. 5 Lbs. at 55c Lb.
583. **Argentine Giant.** Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 60c. 5 Lbs. at 55c Lb.

## Asparagus Roots

*Plant either in Spring or Fall*

**Directions.** Select a good sandy loam, plow the ground as deep as possible, dig out 12 inches deep, put in a layer of 4 inches of good, strong stable manure, and press down; then fill in with good, rich, black loam to the top of the bed; sow on the top of the bed 100 lbs. of Kainit to 1000 square feet of bed; incorporate this thoroughly to depth of 3 inches. After leveling bed off even, stretch a line the length of bed 9 inches from the edge, and with a spade cut a furrow 8 inches deep, set a row of plants along the trench 9 inches apart, with the crowns of the roots 2 inches below the surface, then cover up, make even and plant other rows 9 inches apart.

**Palmetto Fine Healthy Roots.** (Doz. roots 35c, postpaid.) 100 for \$1.50. 1000 for \$9.00.

## Green Podded Bush Beans

KRUP BOHNEN—Haricots Nains—Frigolís

We Pay Postage on 5c and 10c Pkts. only. Larger Quantities Postage Extra and must be included with remittance. Parcel Post Table, See Page 2

Beans by Weight	
1 Pound equals about 1 pint	15 Pounds equals about 1 peck
2 Pounds equals about 1 quart	60 Pounds equals about 1 bushel

**Seed Beans Weight by Parcel Post Including Packing:** Pint, 2 lbs. Qts., 3 lbs. 4 Qts., 9 lbs. Pk., 17 lbs. 2 lbs. to 100 feet of drill, 120 lbs. to the acre

**Culture.** Beans are somewhat tender, but it often pays to take some risk. Plant in warm, loamy soil at the beginning of settled, warm weather in Spring, and at intervals for succession until August. Rows may be made 2 feet apart, and the Beans planted not more than 2 inches deep and several inches apart in the drills, or 3 or 4 Beans in hills 6 to 8 inches apart. Cultivate and hoe frequently, always, however, when the vines are perfectly dry. In hoeing draw the soil up towards the rows or plants. For String Beans, gather the pods clean as fit for use. The plants will remain all the longer in bearing.

1134. **"Home, Sweet Home," Bolgiano's New Bean.** A most delicious addition for the home garden. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

1008. **New Giant Stringless Valentine.** This is a great improvement on the oldtime popular favorite Valentine Bean. The pods are fully one-third longer, averaging 5 to 6 inches in length; absolutely stringless, very crisp, round, full and fleshy. It is enormously productive, its handsome pods being ready for market a few days earlier than old Valentine. We confidently recommend it either for the home garden or as a profitable variety to grow for market. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. \$2.30. 25 Lbs. \$5.50. 100 Lbs. \$20.00.

1009. **Burpee's New Stringless Green Pod Beans.** Crisp, tender, luscious flavor. Handsome light green pods, are ready to market TWO WEEKS EARLIER than the Red Valentine. Pods are full, fleshy and produced in great abundance, remaining green on vines in an edible condition longer than any other Bean known. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. \$2.30. 25 Lbs. \$5.50. 100 Lbs. \$20.00.

1003. **Extra Early Refugee Round Green Pod.** Has pods of a beautiful, attractive, light green color, round, tender and of a luscious flavor. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

1013. **Black Valentine Beans.** Matures early, producing long, round, straight, tender pods of blight resisting qualities. Pkt. 10c. Lb. 28c. 2 Lbs. 56c. 10 Lbs. \$2.50. 25 Lbs. \$6.00. 100 Lbs. \$22.00.

1004. **Late Refugee or 1,000 to 1.** Exceedingly productive; for medium and late use. The young pods are tender and of fine flavor; the color is a silver green. Pods are round and slim. Pkt. 10c. Lb. 21c. 2 Lbs. 42c. 10 Lbs. \$1.80. 25 Lbs. \$4.25. 100 Lbs. \$15.00.



Black Valentine Beans





Bolgiano's New Pearl Wax Beans

1288. **Bolgiano's "Best Yet" Stringless Wax Beans.** (Specialty, see page 8.) Beautiful, lemon-yellow wax pods, without rust or blight. Absolutely stringless. A wonderful yielder. Pkt. 10c. ½ Lb. 20c. Lb. 35c. 2 Lbs. 60c. 10 Lbs. \$2.75. 25 Lbs. \$6.25. 100 Lbs. \$23.00.

1031. **New Pearl Wax Beans.** A distinct, enormously prolific and prodigious growing Bush Wax Bean. Every grower should try it. It will soon become a popular and lucrative variety to grow. Will not rust in the wettest kind of weather. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

1183. **"Truckers' Reward," Bolgiano's New Flat Wax Bean.** One of the most valuable and important Bean introductions in many years. Unequaled as an enormous, beautiful crop producer and money maker. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. \$2.30. 25 Lbs. \$5.50. 100 Lbs. \$20.00.

1079. **New Hodson Wax Beans.** A very sturdy grower, prolific; free from rust and blight. Vigorous plants are loaded with long, handsome, straight pods, averaging 7 inches in length; color of a clean, light yellow. When picked young they are stringless. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

1021. **Round Podded Kidney Wax Bean.** (Brittle Wax.) This handsome wax-podded Bean is an improved Wardwell's Kidney Wax, besides having that popular variety's luxuriant growth, it is entirely stringless. The pods are long, straight and extremely handsome. It is an exceedingly heavy bearer, and is fully as early in maturing as the Wardwell's Kidney Wax, and is of excellent quality. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. \$2.30. 25 Lbs. \$5.50. 100 Lbs. \$20.00.

1024. **New California Rust-Proof Dwarf Wax.** One of the handsomest and most productive flat podded Wax Beans ever grown. The vines are of vigorous growth, leaves dark green, hardy and yield enormous quantities of large, handsome, flat, meaty pods, borne well up from the ground and has not shown any disposition to rust no matter where grown. It is from eight to ten days earlier than the Valentine. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

1019. **Currie's Rust-Proof Wax Beans.** Is the earliest to mature of either the Green or Wax Beans. It is ready for market in 25 days from date of planting. Its beautiful, pure golden, long, flat pods of extra fine quality are borne in abundance and attract the admiration of both the planter and the consumer. Entirely free from rust and blight. Pkt. 5c and 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

1022. **New Davis Kidney Wax.** The King of Flat Wax Beans. A beautiful form, handsome long pods, attractive color, luscious flavor, prolific yielder, rust-proof, excellent shipper, making this Grand Bean a perfect success. Pkts. 5c and 10c. Lb. 25c. 2 Lbs. 50c. 10 Lbs. \$2.20. 25 Lbs. \$5.25. 100 Lbs. \$19.00.

1020. **Wardwell's Kidney Wax.** Early, long, flat, pure wax pods. It is hardy, both pods and plants are robust and healthy and it is a heavy yielder. It is a remarkable shipper. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

1096. **Prolific Dwarf Black Wax.** One of the earliest. Pods 4 to 5 inches in length, usually curved, quite round, meaty, brittle and stringless; deep golden yellow of excellent flavor. Pkt. 10c. Lb. 23c. 2 Lbs. 46c. 10 Lbs. \$2.00. 25 Lbs. \$4.75. 100 Lbs. \$17.00.

1292. **Sure Crop Stringless Wax Beans.** Vines are tall, rather bushy, loaded with delicious, rich yellow beans six to seven inches long. Stringless at all stages of growth. The kind that sell when other varieties will not. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

## Green Podded Bush Beans—Cont'd

✓ 1002. **New Emerald Beauty Bean.** The Emerald Beauty is a flat, green podded Bush Bean, a prolific and continuous bearer. It is absolutely stringless, very tender and delicious flavor. The plant is of remarkably handsome and thrifty growth. The rich, green pods are of immense size, thick, broad, extra long; uniform shape, solid, meaty and of high quality. Market that will accept a flat podded Bean will soon appreciate the surpassing qualities of the Emerald Beauty. Pkt. 10c. Lb. 25c. 2 Lbs. 50c. 10 Lbs. \$2.20. 25 Lbs. \$5.25. 100 Lbs. \$19.00.

✓ 1001. **Bolgiano's New Early "May Queen" Beans.** Pkt. 10c. Lb. 29c. 2 Lbs. 58c. 10 Lbs. \$2.60. 25 Lbs. \$6.25. 100 Lbs. \$23.00.

1006. **Hopkins' Earliest Red Valentine Beans.** Are one of the earliest and most prolific round green podded Beans. Comes into bearing earlier than the old stock of Valentines, is a wonderful producer and a perfect shipper. It will remain in a perfect condition for nearly two weeks after picking. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. \$2.30. 25 Lbs. \$5.50. 100 Lbs. \$20.00.

1007. **Bolgiano's Earliest Red Valentine Beans.** This superior Bean has been carefully built up to satisfy a most critical market gardener's trade. Under favorable conditions it is ready for picking in 35 days from planting. Cannurs use them because they are always tender and have beautiful round green pods. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. \$2.30. 25 Lbs. \$5.50. 100 Lbs. \$20.00.

1010. **Dwarf Horticultural or Cherry Bean.** A crop of these Beans has never failed to pay. This is a broad, long, flat, meaty Bean, very productive, delicious flavor. It also makes a good dried Bean for Winter. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

1011. **Henderson's Bountiful Beans.** A prolific and continuous bearer. The first in Spring, the last in Fall. Stringless, delicious flavor. Pkt. 10c. Lb. 25c. 2 Lbs. 50c. 10 Lbs. \$2.20. 25 Lbs. \$5.25. 100 Lbs. \$19.00.

1015. **Longfellow Green Podded Bush Beans.** Long, round, green pods, exceedingly prolific, always solid. Remarkably early. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. \$2.30. 25 Lbs. \$5.50. 100 Lbs. \$20.00.

1017. **Extra Long Yellow, Six Weeks.** Pods flat and green; a leading market sort. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

1300. **Tennessee Green Pod.** Prolific, but a tender variety. Foliage dark green, leaves large and crumpled, somewhat earlier than Hodson Green Pod. Pods 5 to 5½ inches long, flat, irregular in shape, light green and of good quality. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

1301. **Full Measure.** Heavy light green foliage. Very prolific. Pods 5½ to 6 inches long, stringless, round, slightly curved, very good quality. Pkt. 10c. Lb. 31c. 2 Lbs. 62c. 10 Lbs. \$2.80. 25 Lbs. \$6.75. 100 Lbs. \$25.00.

1184. **White Navy or Pea Beans.** Pkt. 10c. Lb. 23c. 2 Lbs. 46c. 10 Lbs. \$2.00. 25 Lbs. \$4.75. 100 Lbs. \$17.00.

We supply Pkts. of  
all Beans at 5c and  
10c each, postpaid

## Wax Pod Bush Beans

Parcel Post Rates,  
see Page 2

1026. **Golden Wax Improved.** Early, vigorous and a bountiful yielder of beautiful tender pods. The vine grows 1½ feet high, holding the pods well off the ground. The pods are shapely, flat and large. Pkt. 10c. Lb. 23c. 2 Lbs. 46c. 10 Lbs. \$2.00. 25 Lbs. \$4.75. 100 Lbs. \$17.00.

1283. **Brittle Wax.** Pods round, tender, stringless. Very prolific. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. \$2.30. 25 Lbs. \$5.50. 100 Lbs. \$20.00.

1219. **Pencil Pod Black Wax Beans.** Plants of true bush growth, fifteen inches high, extremely productive; magnificent straight pods six to seven inches long, light golden yellow in color, beautifully round, meaty and deeply saddle-backed; flesh brittle, solid and entirely stringless; fine and mild flavor. Pkt. 10c. Lb. 25c. 2 Lbs. 50c. 10 Lbs. \$2.20. 25 Lbs. \$5.25. 100 Lbs. \$19.00.



2 Lbs. to 150 Hills,  
20 to 24 Lbs. to  
the Acre

## Pole Lima Beans

Parcel Post Rates,  
see Page 2

We supply Packets of Beans at 5c and 10c each, postpaid

1032. **Giant Emerald Isle. Bolignano's New Pole Lima Bean.** This wonderful Bean is the largest podded and the heaviest cropper of all Limas. It grows green, dries green, stays green. Pkt. 10c. Lb. 27c. 2 Lbs. 54c. 10 Lbs. \$2.40. 25 Lbs. \$5.75. 100 Lbs. \$21.00.

1040. **Early Leviathan Pole Lima Bean.** This sort is at least one week earlier than any large Pole Lima yet offered. Earliness is often obtained at a sacrifice of other features, but in this variety we claim superiority, not only in this respect, but in size of bean pod and enormous productiveness. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

1041. **Dreer's Improved Pole or Challenger Lima.** Outyield any Lime Bean ever offered. Each pod contains from 2 to 6 delicious Beans, so compactly placed that they make indentations in each other. Pods are produced on the vines in great clusters. The yield is continuous and abundant. Lb. 30c. 2 Lbs. 60c. 10 Lbs. \$2.70. 25 Lbs. \$6.50. 100 Lbs. \$24.00.

1223. **Henderson Ideal Pole Limas.** Very early, wonderfully productive. Lb. 25c. 2 Lbs. 50c. 10 Lbs. \$2.20. 25 Lbs. \$5.25. 100 Lbs. \$19.00.

1042. **Seibert's Early Lima.** Pods long, easily opened. The green Beans large, handsome, delicious. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

1043. **Jersey Extra Early Lima.** Is 10 days to 2 weeks earlier than any other Pole Lima, except the Leviathan. The beans are exceptionally tender and delicious. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

1044. **Carolina or Sieva Beans.** Very early and productive. Lb. 23c. 2 Lbs. 46c. 10 Lbs. \$2.00. 25 Lbs. \$4.75. 100 Lbs. \$17.00.

1046. **Ford's Mammoth Extra Large Lima.** Pods are large in size, unsurpassed in quality and productiveness. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

1047. **King of Garden Lima Beans.** Outrivals all other Pole Limas. Its vine has a luxurious growth, which abounds with enormous pods, often 5 to 8 inches long, and filled with 5 or 6 perfect Beans to a pod. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

1224. **Carpenteria Pole Limas.** One of the longest podded and heaviest croppers of all Limas. Pkt. 10c. Lb. 25c. 2 Lbs. 50c. 10 Lbs. \$2.20. 25 Lbs. \$5.25. 100 Lbs. \$19.00.

1045. **Extra Large Limas.** Large white Bean; very tender, equally good in Winter if soaked 10 hours before cooking. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

2 Lbs. to 150 Hills,  
20 to 24 Lbs. to  
the Acre

## Bush Lima Beans

Parcel Post Rates,  
see Page 2

We Supply Packets of Lima Beans at 5c and 10c each

**Culture.** Selected land that is especially warm, rich and well supplied with vegetable fibre or humus. Plant as soon as the soil has become warm in Spring. Make the rows 2 feet apart and give to each plant 6 inches space in the row. A top dressing of poultry manure, ashes or some good fertilizer or some good compost around the plants will be of much benefit in hastening maturity and increasing the yield.

1035. **Bolignano's Enormous Early Bush Lima Beans.** This wonderful new Lima is the earliest, largest and best of all Bush Lima Beans. Pkt. 10c. Lb. 36c. 2 Lbs. 72c. 10 Lbs. \$3.30. 25 Lbs. \$8.00. 100 Lbs. \$30.00

1119. **Fordhook Bush Lima, New.** Both pods and Beans are twice the size of Dreer Bush Lima. Pkt. 10c. Lb. 36c. 2 Lbs. 72c. 10 Lbs. \$3.30. 25 Lbs. \$8.00. 100 Lbs. \$30.00.

1058. **Burpee—"Improved" Bush Lima.** Pods and Beans are extremely large. Plant grows more erect than Burpee's Bush Lima and is more productive. Pkt. 10c. Lb. 34c. 2 Lbs. 68c. 10 Lbs. \$3.10. 25 Lbs. \$7.50. 100 Lbs. \$28.00.

1034. **Wood's Prolific Bush Lima.** Earlier than the Burpee's Bush, smaller in size of Bean. Making a larger growth than others; stems are loaded with Beans in great clusters. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. \$2.30. 25 Lbs. \$5.50. 100 Lbs. \$20.00.

1036. **Dreer's New Wonder Bush Lima Beans.** It is a fine strain of neat, dwarf growth, producing pods a week earlier than the regular stock of Burpee's Bush Lima. The plants are productive, the pods and beans are large. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. \$2.30. 25 Lbs. \$5.50. 100 Lbs. \$20.00.

1039. **Burpee's "Large" Bush Lima Beans.** Is an immense yielder, each bush bearing from 50 to 200 of the handsome, large pods, well filled with very large beans, which are identical in size and luscious flavor to the well-known large Pole Limas. Pkt. 10c. Lb. 25c. 2 Lbs. 50c. 10 Lbs. \$2.20. 25 Lbs. \$5.25. 100 Lbs. \$19.00.

1037. **Dreer's Bush Lima Beans.** This Bush Bean produces pods in great abundance, 185 having been counted on a single plant. The Beans grow close together, sometimes 5 in a pod and very thick, sweet and succulent. Lb. 28c. 2 Lbs. 56c. 10 Lbs. \$2.50. 25 Lbs. \$6.00. 100 Lbs. \$22.00.

1038. **Henderson's Dwarf Bush Lima Beans.** Producing Beans of smaller size, is very productive and decidedly delicious. Lb. 26c. 2 Lbs. 52c. 10 Lbs. \$2.30. 25 Lbs. \$5.50. 100 Lbs. \$20.00.

2 Lbs. to 150  
Hills

## Pole or Running Beans

20 to 24 Lbs. to  
the Acre

1027. **Lazy Wife or White Pole Cherry Beans.** Pods are produced in great abundance and measure  $4\frac{1}{2}$  to 6 inches in length; broad, thick, very fleshy, entirely stringless. Retaining their rich, tender and stringless qualities until nearly ripe. Pods contain 6 to 8 round, white beans which make excellent Shell Beans. Lb. 23c. 2 Lbs. 46c. 10 Lbs. \$2.00. 25 Lbs. \$4.75. 100 Lbs. \$17.00.

1025. **Point Market Prolific Pole Beans.** A very productive and delicious Stringless Pole Bean. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. \$1.90. 25 Lbs. \$4.50. 100 Lbs. \$16.00.

1028. **White Creaseback or Best of All.** The best early Stringless Green Podded Pole Bean. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. \$1.90. 25 Lbs. \$4.50. 100 Lbs. \$16.00.

1030. **Old Homestead. (Improved Kentucky Wonder.)** Enormously productive; stringless. Lb. 26c. 2 Lbs. 52c. 10 Lbs. \$2.30. 25 Lbs. \$5.50. 100 Lbs. \$20.00.

1220. **Horticultural Pole, Cranberry or Wren's Egg.** This is the popular Pole Cherry Bean, growing for either snapshots or dry shell Beans, especially adapted for short seasons and cool locations. Productive; pods four to five inches in length, one-half inch broad, thick and fleshy. Pkt. 10c. Lb. 21c. 2 Lbs. 42c. 10 Lbs. \$1.80. 25 Lbs. \$4.25. 100 Lbs. \$15.00.

1258. **Red Speckled, Cut Short, or Corn Hill.** An old variety, very popular for planting among Corn. Pkt. 10c. Lb. 21c. 2 Lbs. 42c. 10 Lbs. \$1.80. 25 Lbs. \$4.25. 100 Lbs. \$15.00.

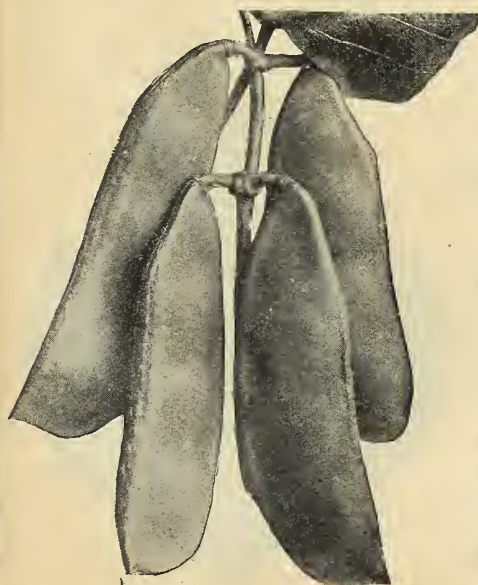
1259. **Dutch Caseknife.** Early, long, green, flat pods, white seed. Pkt. 10c. Lb. 21c. 2 Lbs. 42c. 10 Lbs. \$1.80. 25 Lbs. \$4.25. 100 Lbs. \$15.00.

**Kentucky Wonder Wax.** It is similar in habit of growth to "Kentucky Wonder Green Pod," and bears as early, or when about as high as the average bush bean. Pods are beautiful golden-yellow, and so fleshy that often the thickness surpasses the width; make delicious eating. Pkt. 10c. Lb. 28c. 2 Lbs. 56c. 10 Lbs. \$2.50. 25 Lbs. \$6.00. 100 Lbs. \$22.00.



Bolignano's Giant "Emerald Isle" Pole Lima Beans

INOCULATE  
THIS SEED  
SEE PAGE 54



Burpee's Bush Lima Beans





Crosby's  
Egyptian Beet

## Beet

BETTERATE  
Remolacha  
@alatrube

We Pay Postage on Pkts., Ozs.,  $\frac{1}{4}$  Lbs. and Lbs.

**Culture.** Fibrous loam, well drained and well enriched, will raise good Beet crop. For early table Beets, have drills 16 to 20 inches apart, and sow the seed about 1 inch deep, as early as the ground can be put in good shape, or seed may be sown under glass 4 weeks sooner and the young seedlings transplanted to open ground, to give an extra early crop.

Give thorough and clean cultivation, and thin the plants to stand 3 to 4 inches apart in the row.

For succession, sow at intervals to middle of July. For earliest sowings, a light dressing of nitrate of soda, say 100 pounds per acre, will sometimes work wonders.

**377. Bolgiano's New Early Spring Beet.** New introduction. (Specialty, see page 7.) First Beet in market. Most perfect shape and color. Earlier maturing than Crosby's Egyptian and of much finer grain. Has very small tap root and small top. All coming into maturity at same time. Well adapted for forcing. Pkt. 10c. Oz. 15c. 2 Ozs. 25c.  $\frac{1}{4}$  Lb. 45c.  $\frac{1}{2}$  Lb. 80c. Lb. \$1.50.

**295. "Bonfire," Bolgiano's New Early Beet.** A splendid new variety, especially adapted for market gardeners; being suited for forcing under glass and for open ground culture. For home garden this Beet will be found desirable, as it retains its freshness and high quality without becoming tough. Pkts. 5c and 10c. Oz. 10c. 2 Ozs. 15c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 45c. Lb. 85c.

**18. Bolgiano's Deep Blood Beauty Beet.** The most popular market gardeners' Beet ever introduced. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.

**12. American Beauty Beet.** The skin and flesh of "American Beauty" Beet are both a deep rich blood crimson color. It matures just after the Eclipse, has a most beautiful form, being a little deeper than round, medium in size, generally about three inches in diameter, has a remarkable surface and a small tap root. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c. Lb. 75c.

**115. Early Model Beet.** This is a fine selection of blood-red Beet, extremely smooth and of symmetrical growth, rich color and desirable shape. It makes a rapid growth and matures very early. The shape is nearly round, and color of flesh blood red. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c. Lb. 85c.

**3. Early Ox-Blood. 6 Reasons Why We Introduce This New Beet.** 1. It is extra dark blood color from end of its tap root to top of its short graceful leaves. 2. Early as the Crosby Egyptian. 3. Almost globe shape. 4. Small amount of even foliage of deep ox-blood color. 5. Beets are very smooth and free from side rootlets. 6. Flesh fine grained, sweet and of ox-blood color. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c. Lb. 65c.

**4. Extra Early Eclipse.** Remarkable for its very rapid growth, the perfection of its form—which is globular—of its beautiful crimson flesh, and for its dwarf foliage. Roots are bright glossy red. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c. Lb. 65c.

**5. Crosby's Improved Extra Early Egyptian Beet.** An improvement on Extra Early Egyptian, being as early, but of more desirable shape, color and quality. It is very sweet and tender; a most valuable sort for early market, as it is ready before any other Beet of equal quality. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 65c.

**6. "New Crimson Globe" Beet.** This is one of the best Bunching Beets yet introduced. A handsome variety of medium size, almost globe shape, and entirely free from rootlets; a grand second early or main crop sort. Very handsome in shape. The foliage is small and of a rich bronze purple. Flesh is a rich blood red, slightly zoned or ringed. Never stringy. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 65c.

**7. Detroit Dark Red Beet.** A splendid Beet of a dark red color, for home or market. By far the best for canning, on account of its beauty. Small, upright tops and perfectly small roots. Flesh zoned with lighter and darker bands; tender and sweet. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 65c.

**11. Extra Early Dark Red Flat Egyptian Beet.** The Egyptian Beet is one of the most popular varieties among market gardeners for forcing purposes. It will bear close planting in the valuable space under glass or in a warm garden in early Spring. It is turnip-shaped, and when young is crisp and tender. In color it is dark red. To gardeners having a preference for Egyptian we offer the best strain of seed now on the market. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 65c.

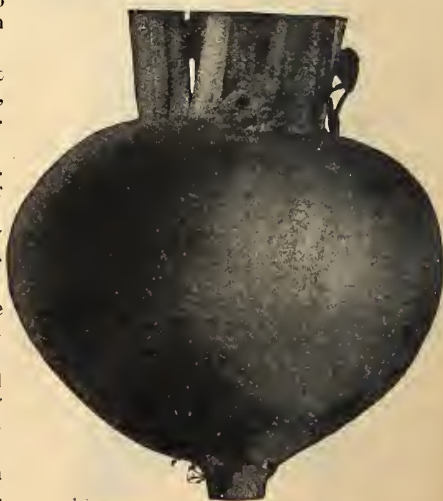
**20. Early Blood Turnip Beet, New Improved.** It is early, smooth, does not grow overlarge, has few roots. It does not become stringy, matures a medium size, deep crimson Beet of decided uniform type. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 65c.

**21. Edmand's Blood Turnip Beet.** A handsome, clean, turnip-shaped blood Beet. Skin and flesh are of deep blood red, sweet and tender in quality and unsurpassed for solidity and keeping purposes. The roots grow regular and are of right marketable size. Tops are small, allowing them to be grown close together. They mature early and give every satisfaction as a bunching sort. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 65c.

**10. Early Large Egyptian.** None better for an early general crop than the early Egyptian; handsome shape and does not crack open. This crop commands a good market all the season. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 65c.

**13. Lentz Extra Early Beet.** Color a deep, blood red, tender and sweet at all stages of its growth. Has small top and can be used six weeks from sowing. Very productive, splendid keeper and shipper. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 60c.

**358. Nutting's Early Gem Beet.** Extremely early, light colored top, flesh beautifully zoned light red. Very popular as a Florida Shipping Beet. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 65c.



Extra Early Eclipse Beet



## Beets—Continued

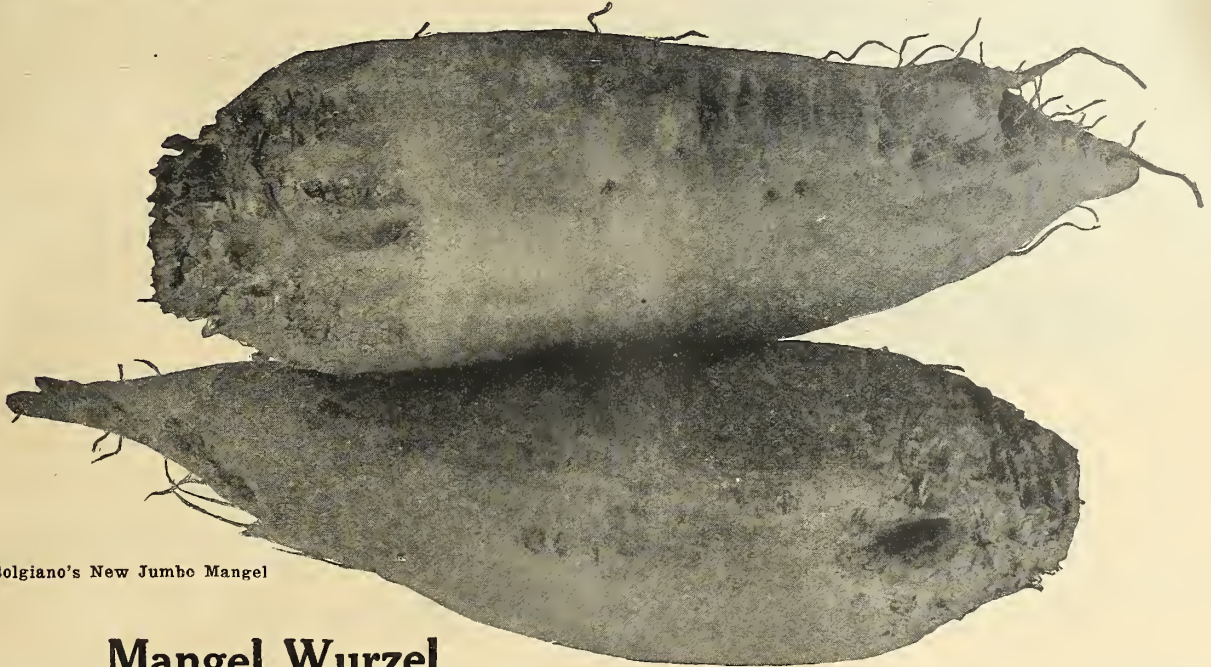
We Pay Postage on Pkts., Ozs.,  $\frac{1}{4}$  Lbs. and Lbs.

571. **Half Long Dark Blood.** This is rapidly becoming a very popular sort and will probably produce more bushels from a given area than any other sort, as it does not occupy so much space in the rows as the turnip-shaped varieties. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c. Lb. 65c.

15. **Long Smooth Blood Beet.** An old time favorite in the South. Has long, smooth, blood-red roots, going well down into the soil, enabling it to resist drought and heat. Flesh very tender and sweet. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c. Lb. 65c.

165. **Lucullus.** The New Swiss Chard or Spinach Beet, but can be served both as Asparagus and as Spinach. Delicious. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.

341. **Swiss Chard or Silver Beet.** Grown exclusively for the foliage, which cooked makes most delicious greens. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.



Bolgiano's New Jumbo Mangel

## Mangel Wurzel

**Culture.** Sow 5 pounds to the acre in April or June, in rows 3 feet apart, and thin to 9 inches in the row. Cultivate frequently with horse tools and you will have an abundant crop of roots for Winter use.

1217. **Bolgiano's Sludstrup.** This wonderful Mangel has repeatedly been awarded first prize as containing the largest percentage of dry matter. Root is smooth, 14 inches long, rich orange color, flesh pure white. About one-half of the root grows above the ground. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 15c.  $\frac{1}{2}$  Lb. 25c. Lb. 35c. 5 Lbs. at 30c Lb.

1151. **New Jumbo Mangel.** It is a milk producer of the highest quality and at the same time keeps the cattle over Winter in prime condition. It will outyield any other Mangel two to one. It is easy to grow, producing immense roots in great quantities, thus yielding a most profitable crop. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 15c.  $\frac{1}{2}$  Lb. 25c. Lb. 45c. 5 Lbs. at 40c. Lb.

1152. **Gate Post Mangel.** Immense size. Among the Yellow Mangel it stands supreme. The milk it produces when fed to cows is of the richest character. If you want the best Yellow Mangel you ever grew, buy Bolgiano's Gate Post Mangel. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 15c. Lb. 35c. 5 Lbs. at 30c Lb.

1153. **Giant Mammoth Long Red Mangel.** The roots are very large, uniformly straight and well formed. Color deep red, roots solid, tops small. Produces an immense bulk and tonnage. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 15c. Lb. 45c. 5 Lbs. at 40c Lb.

1154. **Improved Golden Tankard Mangel.** It combines apparently all the fine points possible to condense into a Mangel. The color is a deep, rich yellow. The flesh is firm and solid. On account of its shape enormous crops are grown, and it is easily lifted from the ground. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 15c. Lb. 35c. 5 Lbs. at 30c Lb.

359. **Golden Giant Intermediate.** Root intermediate between the long and the globe-shaped. Flesh white, firm and sweet, much liked by cattle. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 15c. Lb. 35c. 5 Lbs. at 30c Lb.

## Sugar Beets

For Stock Feeding

**Culture.** Sow and cultivate same as Mangel, except that they should be thinned out 6 to 8 inches in the row.

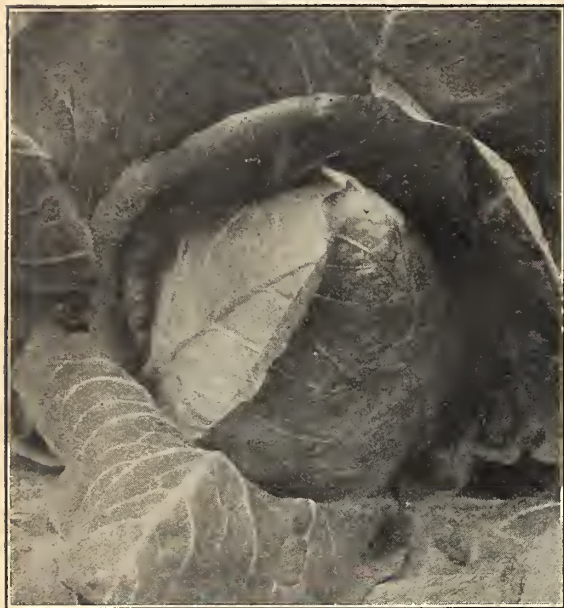
1155. **Giant Feeding Sugar Beet or Half Sugar Mangel.** This magnificent Sugar Beet, while giving nearly as large a yield of easily grown and harvested roots as a crop of Mangels, supplies a food of very much higher nutritive value, the roots for feeding purposes being really more valuable, pound for pound, than those of the very best strains of Sugar Beet, and the yield under equally favorable conditions being more than double. The roots grow partly out of the ground, and because of this and their shape, the crop can be harvested and stored at less expense than any other root crop. Every farmer should try it. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 15c. Lb. 35c. 5 Lbs. at 30c Lb.

1204. **Klein-Wanzle Bener Elite.** It may be distinguished by its brighter color and its lighter colored leaves, which are beautifully undulating, and scalloped around the edges; while not as a rule equal to the Vilmorin in saccharine richness, it is considerably more productive. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 15c. Lb. 35c. 5 Lbs. at 30c Lb.

360. **Lane's Improved Sugar.** An American variety and the best stock-feeding Beet known. It is not so sweet as the French Sugar Beets grown especially for sugar making, but the roots are longer and finer grained; very sweet. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 15c. Lb. 35c. 5 Lbs. at 30c Lb.



# Bolgiano's Frost-Proof Cabbage Plants



The Charleston or Large Wakefield Cabbage

## Will Mature Heads Two To Three Weeks Earlier Than Your Home Grown Plants and Double Your Profits

There are a number of islands along the Sea Coast of South Carolina, where the soil and climatic conditions are just suited for growing tough, hardy cabbage plants during the Winter and early Spring. The plants make a slow but steady growth, until at eight to ten weeks of age they are very tough and hardy, the buds are purple and the outer leaves a reddish brown. When in this condition they can be shipped to territory farther north and be planted in the open ground a month to six weeks earlier than the home-grown hot bed or cold frame plants. The FROST PROOF CABBAGE PLANTS will stand a temperature of 20 degrees above zero without injury. The land freezing, or the plants being covered with ice, sleet or snow after they are planted will not injure them. The roots grow from the time they are planted, and just as soon as Spring weather starts, the established root growth assimilates the fertilizer in the soil, the plants grow very fast, maturing headed cabbage two to three weeks sooner than you can mature them from hot bed and cold frame plants.

TO GET THE ADVANTAGE OF THESE FROST-PROOF CABBAGE PLANTS THEY MUST BE PLANTED A MONTH OR SIX WEEKS EARLIER THAN YOU WOULD PLANT HOME-GROWN PLANTS.

WE FILL ORDERS FROM DECEMBER 1ST to MAY 1st.

The plants when received will be somewhat wilted and have a hard stunted appearance, which will be disappointing to persons who have never used these plants before. Regardless of appearance, they will produce the crop results.

VARIETIES: EARLY JERSEY WAKEFIELD, CHARLESTON LARGE TYPE WAKEFIELD, SUCCESSION AND EARLY FLAT DUTCH.

Prices by Parcel Post, Postage Paid. In lots of 100, 200, 300 or 400 plants at 50c per 100 plants; 500 plants for \$1.60; 1000 or more at \$5.00 per 1000 plants.

Orders are filled by the 100, not 250 or 350. These prices are for even quantities of one variety to package; if you order 200 of one variety and 300 of another variety you would pay at the 100 rate.

PRICES BY EXPRESS, buyer paying express charges. In lots of 1000 to 3000 plants at \$2.00 per 1000; 5000 or more at \$1.50 per 1000. Plants packed for express shipment, 1000 or 2000 plants of a variety to package, they weigh about 25 pounds per thousand plants, packed for shipment.

Order Early to prevent delay. We ship direct from growing Station. Plants cannot be pulled when beds are wet. Send your order two or three weeks before you expect to set the plants so you will get them in time.



## Cabbage Seed

French  
CHOU POMME

German  
KOPFKOHL, KRAUT

Italian  
CAVOLO CAPPUCCIO

Spanish  
COL REPELLO

BOLGIANO'S STOCKS  
OF CABBAGE SEED  
ARE UNSURPASSED

We Pay Postage on Pkts., Ozs., ¼ Lbs. and Lbs. of All Cabbage Seed

### Culture

Early Cabbage requires a rich, warm, loam soil, well drained; and the soil for the late Cabbage should be heavier and more retentive of moisture and not so rich as for early crops, as the heads are liable to burst.

To have Cabbage real early, sow seed in hotbed in February, or still better, Winter over the crops in a cold frame. For this purpose the seed is sown from the tenth to the twentieth of September. From four or five weeks from the time of sowing they will be fit to transplant into the cold frames. It is very important that the plants be set down to the first leaves so that the stem is all under the ground, otherwise the stem would split by the action of the frost.

These early Cabbage plants are set out in March or April, in rows two feet apart and 18 inches between the plants. The early crop matures in June. For second early crop, sow seed first week in April and plant out in May. The crop matures in July and August. Late Cabbage for Fall and Winter use, sow seed in May to June. The plants are set in July, at a distance of three feet between the rows and two feet between the plants. This crop matures in October. Cabbage should not be planted two years in succession in the same spot of the garden. One ounce of seed will produce 3000 plants.

### Extra Early Varieties

30. Early Jersey Wakefield Cabbage. Bolgiano's Selected Stock. True Type. The most popular early Cabbage with market gardeners all over the country. It is grown in vast quantities for shipment to Northern cities. Unequaled for size, solidity, earliness, uniformity and true-ness, is the universal verdict of Cabbage growers. Our Stock of Wakefield is the earliest in cultivation. Every Cabbage grower should use our Wakefield. Our seed is ordered by large Cabbage growers long in advance of the time of sowing seed in order to secure our fine stock, which has never failed to produce satisfactory crops. Our seed is used in all the States where early Cabbage is grown. Pkts. 5c and 10c. ¼ Oz. 15c. Oz. 20c. 2 Ozs. 35c. ¼ Lb. 60c. Lb. \$2.00.



Bolgiano's Selected Jersey Wakefield Cabbage



# Extra Early Cabbage—Cont'd

25. **"Big Winner" Wakefield.** No other Cabbage of which we have knowledge has aroused such enthusiasm among Cabbage growers as has our "Big Winner" Wakefield. It has the same general characteristics of other Wakefield Cabbages, the heads being conical with a rounded or blunt point. It is, however, far superior to other strains of Wakefield Cabbage, being nearly double the size and better quality, and at the same time is fully as early. It has few outer leaves, permitting close planting, so that more heads can be grown to the acre than with other sorts. Large Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c. 2 Ozs. 40c. ¼ Lb. 65c. Lb. \$2.25.

26. **New Leader.** As early as the Wakefield, yields 12,000 heads, one-third more per acre than any other extra early Cabbage. The outer leaves are so few and so small that they can be planted very close. The heads are compact and solid from the time a head is formed and keeps so until thoroughly matured, thus enabling extremely early cutting of small, hard heads, or later when the Wakefield comes in, of large, thoroughly matured, solid, round, flat heads. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c. 2 Ozs. 40c. ¼ Lb. 65c. ½ Lb. \$1.20. Lb. \$2.25.

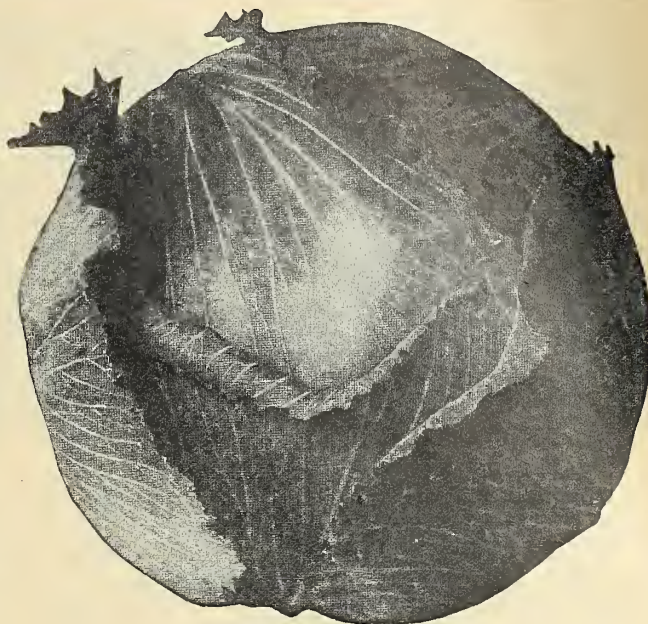
27. **Extra Early Express.** This, the earliest of all Cabbage, has produced marketable heads in 80 days from the sowing of the seed. It can be planted close and yields large, early, paying crops. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c. 2 Ozs. 45c. ¼ Lb. 75c. ½ Lb. \$1.35. Lb. \$2.50.

28. **Extra Early Jersey Wakefield. American Grown.** An excellent, early sort. Heads formed like a Wakefield, but ten days earlier; habit vigorous, short stem and most profitable to grow. Pkts. 5c and 10c. Oz. 25c. 2 Oz. 45c. ¼ Lb. 75c. Lb. \$2.50.

373. **Enkhuizen Glory.** Is a valuable, early variety. It produces fine, marketable heads and is a splendid sort for the private garden and market gardener who grows for high-class trade. The heads are very solid with but few outer leaves and of such compact growth to permit close planting. The quality is excellent. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 20c. 2 Ozs. 35c. ¼ Lb. 60c. ½ Lb. \$1.10. Lb. \$2.00.

29. **Extra Early Pilot Cabbage. American Grown.** Three weeks earlier than the Jersey Wakefield. Pkts. 5c and 10c. Oz. 25c. ¼ Lb. 65c. Lb. \$2.25.

32. **The Charleston, or Large Wakefield. The Best Large, Early Cabbage.** This Cabbage has created a sensation with the Cabbage growers all over the country on account of the decided advantage it has over all other sorts. It can be the FIRST, variety SENT TO MARKET, and on account of its handsome appearance will invariably bring the tip-top prices. If, how-



Stein's Early Flat Dutch

ever, the early market prices are low, it can be safely left standing in the field to mature, to an extra large, compact, solid, magnificent Cabbage, which has never failed to attract the admiration of the most skilled gardeners, and always brings better prices than any other sort harvested at the same time. Our stock is thoroughly reliable. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. Lb. \$2.00.

## 595 Stein's Early Flat Dutch

Unquestionably the best early cabbage in the world. Unexcelled for early spring planting, producing medium-sized heads that are unbeatable for home use or shipping purposes. No garden is complete without some of this splendid strain planted in it. Pkts. 5c and 10c. Oz. 25c. ¼ Lb. 65c. Lb. \$2.25.

33. **Early Large York.** This is a very valuable, early variety and follows the Express and Jersey Wakefield in heading. The heads are round, heart-shaped and firm. Its dwarf growth will permit them being planted closely together. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. ½ Lb. \$1.10. Lb. \$2.00.

34. **Early Winnigstadt—The Prussian Prize Stock.** The popularity of Winnigstadt Cabbage in all sections of the world is proverbial, but there is a great difference in the quality of the stocks. Some will produce heads of twice the size of others; the finest is grown in Northern Prussia. It is from this section that our famous stock was introduced a few years ago. It has become very popular with our market gardeners. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. ½ Lb. \$1.10. Lb. \$2.00.

## Second Early Varieties

154. **Bolgiano's Early "Square Deal" Cabbage.** The Best on Earth. (Specialty, see page 7.) The heads are solid and compact with very few outer leaves. For a fine, solid, tender, uniform, early, flat Cabbage, Bolgiano's "New Square Deal" Cabbage challenges the world. The demand for a Cabbage of this character led us, by the most rigid and careful selection during the past five years, to mature this Cabbage, which we are confident will give all our friends and customers a "Square Deal" every time. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c. 2 Ozs. 40c. ¼ Lb. 65c. ½ Lb. \$1.20. Lb. \$2.25.

35. **Bolgiano's "New Early" Cabbage.** It forms solid, compact, round, flat heads, the leaves growing close to the head, thus allowing more Cabbage to be grown to the acre than any other sort. Its earliness (a week before other early, flat varieties) is one of its best marketable features. Pkts. 5c and 10c. Oz. 25c. ¼ Lb. 65c. Lb. \$2.25.

38. **Henderson's Early Summer Cabbage.** In size, form, solidity and earliness this is truly a model Cabbage. It heads just after our Jersey Wakefield. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. Lb. \$2.00.



Henderson's Early Summer Cabbage





Bolgiano's Ring Leader Late Flat Dutch



### Second Early Varieties—Cont'd

36. **Florida Header Cabbage.** In color, shape and size the heads are most uniform. Pkts. 5c and 10c. Oz. 20c.  $\frac{1}{4}$  Lb. 60c. Lb. \$2.00.

37. **All Head Early Cabbage.** For uniformity, reliability of heading, size, earliness and quality it is very superior. Its heads grow compact and free from spreading leaves. Pkts. 5c and 10c. Oz. 20c.  $\frac{1}{4}$  Lb. 60c. Lb. \$2.00.

148. **Brunswick, Fottler's Cabbage.** In this vicinity the Brunswick is considered second to none by the market gardeners. Plants are very short stemmed. Pkts. 5c and 10c. Oz. 20c.  $\frac{1}{4}$  Lb. 60c. Lb. \$2.00.

39. **Long Island, Early, Flat Dutch Cabbage.** The heads are large and solid and mature very early—just after the select Jersey Wakefield. In every respect it is a Cabbage worthy of cultivation. Pkts. 5c and 10c. Oz. 20c.  $\frac{1}{4}$  Lb. 60c. Lb. \$2.00.

40. **Early, Short Stem, Drumhead Cabbage Seed.** It is ready for marketing 2 or 3 weeks earlier than the late Drumhead, forms large, solid, rounded heads. Pkts. 5c and 10c. Oz. 20c.  $\frac{1}{4}$  Lb. 60c.  $\frac{1}{2}$  Lb. \$1.10. Lb. \$2.00.

41. **Henderson's Early Succession Cabbage.** A wonderful Cabbage for solidity, productiveness and fine, large heads. Pkts. 5c and 10c. Oz. 20c.  $\frac{1}{4}$  Lb. 60c. Lb. \$2.00.

42. **Sure Head Cabbage.** (Pedigree Stock.) True American grown. Produces large, round, flattened heads that are all head. Pkts. 5c and 10c. Oz. 20c.  $\frac{1}{4}$  Lb. 60c. Lb. \$2.00.

542. **Solid South.** This is one of the purest and truest Cabbages ever bred. Produces very large, shapely, solid heads. An excellent shipper. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 15c. Oz. 20c.  $\frac{1}{4}$  Lb. 60c.  $\frac{1}{2}$  Lb. \$1.00. Lb. \$2.00.

53. **BOLGIANO'S PERFECTION DRUMHEAD SAVOY CABBAGE.** Surpasses all varieties of Savoy Cabbage for uniformity of heads, beauty of curl and superior keeping qualities. Pkts. 5c and 10c. Oz. 25c.  $\frac{1}{4}$  Lb. 65c. Lb. \$2.25.

49. **Mammoth Red Dutch.** Is the largest Red Cabbage, and heads very solid and is deep red in color to the very center. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 15c. Oz. 25c. 2 Ozs. 40c.  $\frac{1}{4}$  Lb. 65c.  $\frac{1}{2}$  Lb. \$1.20. Lb. \$2.25.

374. **All Seasons.** An "all-season" variety, equally good for Fall and Winter as for Summer use. The heads are large, solid, round, flattened on top and of the best quality. Pkts. 5c and 10c. Oz. 20c.  $\frac{1}{4}$  Lb. 60c. Lb. \$2.00.

266. **"Copenhagen Market," New Early Danish Cabbage.** As early as Charleston Wakefield. This new Cabbage is very heavy and solid, makes a fine, large, globe-shaped head with well-developed outside leaves. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 15c. Oz. 25c. 2 Ozs. 40c.  $\frac{1}{4}$  Lb. 65c. Lb. \$2.25.

### Late or Winter Cabbage

43. **Bolgiano's Extra Large, Late, Flat Dutch; Market Gardener's Choicest Stock.** Can be planted later than the old-time varieties and matures more quickly into a handsome, EXTRA LARGE, solid, uniform Cabbage of perfect keeping qualities. Extra Flat Dutch. Pkts. 5c and 10c. Oz. 20c.  $\frac{1}{4}$  Lb. 60c.  $\frac{1}{2}$  Lb. \$1.10. Lb. \$2.10.

50. **Louisville Drumhead.** (Best of all Drumhead Cabbage.) There is no Cabbage of the Drumhead type which can be compared with this beautiful representative in shape, color, firmness and excellent table qualities. Drought has little effect upon it on account of the low habit of growth. Pkts. 5c and 10c. Oz. 20c.  $\frac{1}{4}$  Lb. 60c.  $\frac{1}{2}$  Lb. \$1.10. Lb. \$2.00.

### Late or Winter Varieties—Cont'd

96. **Bolgiano's "Ringleader" Large, Late, Flat Dutch Cabbage.** Will always produce heads of enormous size and of the very finest quality. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 15c. Oz. 20c. 2 Ozs. 35c.  $\frac{1}{4}$  Lb. 60c.  $\frac{1}{2}$  Lb. \$1.10. Lb. \$2.00.

372. **Pe-Tsai Chinese or Celery Cabbage.** Improved Chinese Cabbage. This vegetable is new to the public although old to the Horticulturists. Plant in July. Sow in drills 16 to 20 inches apart and the seedlings thinned two or three times. Pkts. 5c and 10c. Oz. 25c. 2 Ozs. 45c.  $\frac{1}{4}$  Lb. 75c.  $\frac{1}{2}$  Lb. \$1.35. Lb. \$2.50.

45. **The Lupton Cabbage.** Is a splendid late sort, heading after the second early sorts, and sooner than the Late Flat Dutch. It is particularly uniform in shape and size. Pkts. 5c and 10c. Oz. 20c.  $\frac{1}{4}$  Lb. 60c. Lb. \$2.00.

46. **Premium Flat Dutch.** It has long been the favorite sort for cole-slaw and sauerkraut. It matures just before severe frost and keeps perfectly over Winter. Pkts. 5c and 10c. Oz. 20c.  $\frac{1}{4}$  Lb. 60c. Lb. \$2.00.

47. **Large, Late, Drumhead Cabbage.** This splendid Cabbage produces enormous heads. Its good keeping quality makes it a first-class sort to carry over Winter. Pkts. 5c and 10c. Oz. 20c.  $\frac{1}{4}$  Lb. 60c.  $\frac{1}{2}$  Lb. \$1.10. Lb. \$2.00.

44. **Boss Flat Dutch Cabbage.** The heads are large, hard, thick and flat, the leaves lapping across the center. Pkts. 5c and 10c. Oz. 20c.  $\frac{1}{4}$  Lb. 60c.  $\frac{1}{2}$  Lb. \$1.10. Lb. \$2.00.

52. **Henderson's Autumn King Cabbage.** It is often from 3 to 3 $\frac{1}{2}$  feet in circumference, and weighs from 25 to 30 pounds each. Interior crisp. Pkts. 5c and 10c. Oz. 20c.  $\frac{1}{4}$  Lb. 60c.  $\frac{1}{2}$  Lb. \$1.10. Lb. \$2.00.

48. **Danish Ball Head Cabbage.** This is the most excellent Cabbage, is very solid and outweighs any other Cabbage of equal size. The head is round with flattened top. Pkts. 5c and 10c. Oz. 20c.  $\frac{1}{4}$  Lb. 60c. Lb. \$2.00.

### Brussels Sprouts

**Culture.** Sow in May, in the same manner as Cauliflower, and transplant in July, 1 foot apart in rows 1 $\frac{1}{2}$  feet apart. Brussels Sprouts is the very best Winter vegetable that can be grown. It is as hardy as the common Curled Greens. When cooked through, such sprouts melt in the mouth like the tenderest Cauliflower, and are equally as good.

22. **Bolgiano's Matchless, Long Island, Improved Brussels Sprouts.** Pkts. 5c and 10c. Oz. 25c. 2 Ozs. 40c.  $\frac{1}{4}$  Lb. 65c.  $\frac{1}{2}$  Lb. \$1.20. Lb. \$2.25.

355. **Paris, Half Dwarf, Brussels Sprouts.** Pkts. 5c and 10c. Oz. 25c.  $\frac{1}{4}$  Lb. 65c.  $\frac{1}{2}$  Lb. \$1.20. Lb. \$2.25.

### Collards

23. **Georgia Southern, or Creole.** Forms a large, loose, open head, or a mass of leaves on a tall stem. Freezing does not injure, but rather improves their quality. Sow thick in drills, in rich ground, transplanting when 4 inches high, or sow in drills where the plants are to remain and thin to 2 or 3 feet apart in the row when of proper size. In the South, sow from January to May, and August to October. Pkts. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 30c. Lb. 50c.

590. **North Carolina Short Stem.** A decided improvement, and has proved very popular wherever grown. Has short stem, large spreading leaves, very hardy, withstanding drought in summer and cold in winter. Its flavor and cooking qualities are the very best. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c. Lb. 50c.



Bolgiano's Perfection Drumhead Savoy



# Cauliflower

We Pay Postage on Pkts., Ozs.,  $\frac{1}{4}$  Lbs. and Lbs.

French  
CHOU-FLEUR  
Italian  
CAVOLO FLORE

German  
BLUMEN KOHL  
Spanish  
COLIFLOR

## Culture

The soil and culture requirements of Cauliflower and Cabbage are similar. Seed may be sown and handled in the same way as described in the Cabbage culture. It is best to plan your planting to have no Cauliflower maturing in the hot summer months, as the cool weather of late Spring and early Fall is best adapted for the growing of perfect heads.

## New Century Cauliflower

### 54. The Best in the World

1. It heads when others fail. 2. Large, perfect heads, measure from 12 to 14 inches in diameter. 3. The beautiful white heads are compact, deep and solid. 4. Heads will outweigh those of any other strain. 5. It is the earliest of all Cauliflower. 6. One-third more can be planted on the same space than can be done with other varieties because of its close growing, compact habit. 7. It is the Most Carefully Grown Cauliflower Seed in the World. 8. The best is the cheapest, receiving the care and attention which is absolutely necessary for the growing of this Special Stock. We cannot sell it for less than: Pkts. 10c, 15c and 25c.  $\frac{1}{2}$  Oz. \$1.25. 1 Oz. \$2.25.  $\frac{1}{4}$  Lb. \$7.50.  $\frac{1}{2}$  Lb. \$14.00 Per Lb. \$25.00.

59. Erfurt Extra Early Dwarf. Extra Selected First Quality. Pkts. 10c and 25c.  $\frac{1}{2}$  Oz. 75c. Oz. \$1.50 2 Ozs. \$2.90.  $\frac{1}{4}$  Lb. \$5.50.  $\frac{1}{2}$  Lb. \$10.50. Lb. \$20.00.

105. Danish Giant or New Dry Weather Cauliflower. Will produce splendid crops in very dry locations. Pkts. 10c, 15c and 25c.  $\frac{1}{2}$  Oz. 75c. Oz. \$1.50.  $\frac{1}{4}$  Lb. \$5.50.  $\frac{1}{2}$  Lb. \$10.50. Lb. \$20.00.

One ounce will sow 100 feet of  
drill, 3 or 4 pounds for  
an acre

**Culture.** Carrots do best in warm, deep, rather light and fairly fertile soil that is well supplied with humus, or on strong loam, having been in clover and broken the year before. For earliest crop, sow seed of the early, short-rooted sorts in April or May, in drills a foot apart and thin to 2 inches. For main crop, sow in May or June or for succession even in July, using the long rooted varieties. The rows for these may be 16 to 20 inches apart, and the plants thinned to 2, 3 or even 4 inches.

60. Scarlet Beauty Carrot. 1. A handsome and prolific Carrot. 2. Rich deep scarlet in color. 3. In length, between long and half-orange. 4. Very straight roots. 5. Very little foliage for size of roots. 6. Delicious flavor. 7. Heavy yielder. 8. Uniform in size. 9. Often  $2\frac{1}{2}$  to 3 inches at the top and 10 to 12 inches long. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c.  $\frac{1}{4}$  Lb. 35c.  $\frac{1}{2}$  Lb. 60c. Lb. \$1.10.

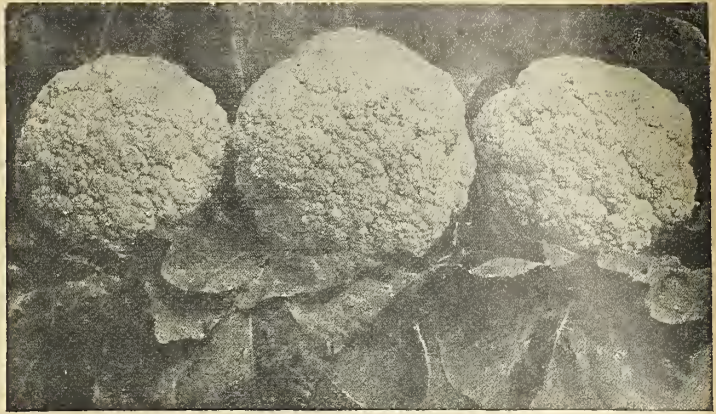
64. Pride of the Market Carrot. Has led all Half-Long Carrots for 10 years. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c.  $\frac{1}{4}$  Lb. 40c.  $\frac{1}{2}$  Lb. 70c. Lb. \$1.25.

62. Improved Long Orange Carrot. Uniformly a deep orange color, growing a long, smooth, symmetrical Carrot. Remarkable for the absence of the dettractive side roots and divisions at the point. Tremendous yielder and of a rich, sweet flavor; will retain its delicious flavor all Winter. Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 55c. Lb. \$1.00.

63. Early Ox-Heart Carrot. So very early, so shapely, so tender, and of such a fine, bright, scarlet color. Not only is extreme earliness a characteristic of our Ox-Heart Carrot, but its exceptionally fine quality, being almost entirely without core. Pkt. 5c. Oz. 10c. 2 Ozs. 15c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 50c. Lb. 90c.

14. Early Sunbeam. Bolgiano's New, Extremely Early Carrot. This beautiful, delicious, exceptionally early forcing Carrot comes at the time of the year when new vegetables are most appreciated and enjoyed. Be sure to plant some. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c.  $\frac{1}{4}$  Lb. 35c.  $\frac{1}{2}$  Lb. 60c. Lb. \$1.10.

61. Half-Long Orange Carrot. The skin is clear, bright in color and the flesh is close in texture, of very fine grain, with very small core. For bunching the handsome appearance is a marked advantage. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 55c. Lb. \$1.00.



Bolgiano's New Century Cauliflower

57. Veitches Autumn Giant. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 30c. Oz. 50c.  $\frac{1}{4}$  Lb. \$1.40. Lb. \$5.00.

55. Snow Ball Earliest Cauliflower. Our Snow Ball Cauliflower is the earliest, most hardy, and in fact the Cauliflower that you can plant and expect a crop of true, firm, snow-white heads. You cannot get better Snow Ball Cauliflower Seed no matter what price you pay. There is but one stock of Cauliflower that is better, and that is Bolgiano's New Century Cauliflower. Many of the beautiful shapely heads measure from 10 to 12 inches in diameter. Our Cauliflower seed is saved from absolutely perfect plants and is grown by the most experienced and critical growers in localities best suited for perfect development. Best for forcing; best for Wintering over early crop. Every plant will produce a fine head. Pkts. 10c and 25c.  $\frac{1}{2}$  Oz. 70c. Oz. \$1.25. 2 Ozs. \$2.25.  $\frac{1}{4}$  Lb. \$4.15.  $\frac{1}{2}$  Lb. \$8.00. Lb. \$15.00.

## Carrots

MOHRE  
Carotte  
Zonaboria

We Pay Postage on Pkts., Ozs.,  
 $\frac{1}{4}$  Lbs. and Lbs.

91. New King Carrot. The greatest Carrot introduced in the last 10 years. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c.  $\frac{1}{4}$  Lb. 35c.  $\frac{1}{2}$  Lb. 60c. Lb. \$1.10.

65. St. Valery, Long Red. Color, orange-red. Roots large and handsome, intermediate in shape between Danvers and Long Orange. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 45c. Lb. 85c.

66. Early Scarlet Horn. A very popular sort; quick growing; deep orange in color; blunt rooted; six to eight inches in length. Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 55c. Lb. \$1.00.

67. Danvers Half Long. One of the heaviest croppers, roots dark orange color; eight to ten inches in length, thick and ending in a somewhat abrupt point. Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 55c. Lb. \$1.00.

68. Chantenay or Model. Early, scarlet color, stump rooted, broad, thick shoulder, heavy cropper. Pkts 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 35c.  $\frac{1}{2}$  Lb. 60c. Lb. \$1.10.

69. Nantes, Half Long, Stump Rooted. Roots 8 or 10 inches in length, thick shoulder, deep orange and good cropper. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 50c. Lb. 90c.

570. James' Intermediate Scarlet. Roots similar in shape and size to Danver Pointed; color, scarlet; nearly coreless. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.

361. Large, White Belgian Carrot. Produces large roots four inches in diameter at the top and 10 inches in length. It has a white skin and flesh. These Carrots are grown for feeding stock during Winter; they keep stock in fine condition. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 15c.  $\frac{1}{2}$  Lb. 25c. Lb. 45c.



St. Valery Long Red Carrot





Bolgiano's Golden Self Blanching



stock. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 20c. Oz. 35c.  $\frac{1}{4}$  Lb. \$1.10.  $\frac{1}{2}$  Lb. \$2.00. Lb. \$3.75.

## Bolgiano's "New Victory" Celery

The Most Solid and Most Profitable Winter Celery

81. Our French Grown "New Victory" Celery is the Best Winter Celery on Earth. It has a great amount of heart, is heavier, stouter and thicker than many of its rivals. It is the most economical Celery yet introduced, every particle being solid, crisp and of a delicious flavor. Its beautiful, large, golden heart and compact growth make an ornament hard to surpass. It is a remarkable keeper, maintaining its firmness as late as May. Critical market gardeners pronounce it to be the finest quality, best keeper and most salable Celery they have ever raised. It is ready for market by December. Pkts. 5c and 10c. Oz. 20c. 2 Ozs. 35c.  $\frac{1}{4}$  Lb. 60c.  $\frac{1}{2}$  Lb. \$1.10. Lb. \$2.10.

455. **BOLGIANO'S "EASY BLANCHING" CELERY.** Excels all other varieties in earliness, in quick blanching, in flavor and in tenderness. Every stalk solid, does not get pethy. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 20c. Oz. 35c.  $\frac{1}{4}$  Lb. \$1.15.  $\frac{1}{2}$  Lb. \$2.15. Lb. \$4.00.

73. **Giant Pascal Celery.** This is a large, solid, excellent sort. It blanches very quickly to a beautiful yellowish-white color, is very solid and crisp, and a fine nutty flavor. Stalks grow broad and thick. Pkts. 5c and 10c. Oz. 20c. 2 Ozs. 35c.  $\frac{1}{4}$  Lb. 60c.  $\frac{1}{2}$  Lb. \$1.10. Lb. \$2.10.

72. **Perfected White Plume Celery.** Is the most extensively used on account of its extreme earliness. Its stalks and portions of its inner leaves and heart are white naturally, by simply tying the plant together, or by drawing the soil firmly against the plant. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c.  $\frac{1}{4}$  Lb. 45c.  $\frac{1}{2}$  Lb. 75c. Lb. \$1.35.

75. **New Winter Queen Celery. (Pedigree Stock.)** A good keeper and beautiful in appearance. Ribs perfectly solid, crisp and of a delicious, nutty flavor. Pkt. 5c and 10c. Oz. 20c.  $\frac{1}{4}$  Lb. 60c.  $\frac{1}{2}$  Lb. \$1.10. Lb. \$2.10.

74. **Dwarf Golden Heart Celery.** Is crisp, solid, handsome and most excellent flavor, with a beautiful Golden Heart. Pkts. 5c and 10c. Oz. 20c.  $\frac{1}{4}$  Lb. 50c. Lb. \$1.60.

78. **Giant Golden Heart Celery.** A gardener found in his Dwarf Golden Heart a few plants of larger growth. A careful selection made for many years resulted in the Golden Giant Heart, which excels for larger size, solidity and keeping quality. Pkt. 10c. Oz. 20c. 2 Ozs. 30c.  $\frac{1}{4}$  Lb. 50c.  $\frac{1}{2}$  Lb. 90c. Lb. \$1.60.

**Celery Seed for Flavoring (Soup Celery).** Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 15c. Lb. 35c.

## Celeriac, or Turnip-Rooted Celery

139. **Giant French Celeriac.** There is not a single item of interest in the growing and developing of seeds that we pass by without most thoroughly investigating and testing to see if there is something of value to our customers. To prove our watchfulness, we are here introducing the Giant French Celeriac. Many thought the Celeriac which the Market Gardeners have had for years was good enough, but we are always on the alert for something better and are rewarded for our pains by being able to offer this splendid Celeriac. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c.  $\frac{1}{4}$  Lb. 45c. Lb. \$1.35.

83. **Large, Smooth Prague Celeriac.** A large Celery flavored root used extensively for flavoring soups, pickles, etc.; also relished sliced as a salad with pepper and vinegar. It is also used to flavor chicken and potato salad. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c.  $\frac{1}{4}$  Lb. 45c.  $\frac{1}{2}$  Lb. 75c. Lb. \$1.35.

## CELERY

We Pay Postage on Pkts., Ozs.,  $\frac{1}{4}$  Lbs. and Lbs.

**Culture.** One ounce will produce about twenty-five hundred plants and sow about two hundred feet of row. Sow the last of March or early in April, in an open border, in rich, mellow ground in shallow drills, watering freely in dry weather. By rolling or pressing in the seed, the result will be more satisfactory than when only covered. Cut the tops off once or twice before planting out, to make them stocky. When the plants are 5 or 6 inches high, transplant the dwarf varieties 3 feet and the taller sort 4 feet between the rows; plant 6 inches apart in the rows. Cultivate well and when large enough, blanch by earthing up. The first operation is that of "handing," generally done by the beginning of September. After the soil has been drawn up with the hoe, it is drawn around each plant by hand to keep the leaves firm in upright position and prevent spreading. When plants have become "set" in an upright position and the Celery is wanted for early use, they should be "banked." This is done by throwing the soil up as close to the plants as possible with a plow and finishing it with a spade, bringing the earth nearly up to the tops of the plants. The method employed now for protecting it is by covering the tops of the banks with waterproof felt paper.

## 71 Bolgiano's French Golden Self-Blanching Celery

Won the Blue Ribbon at the South Florida Fair, Held at Tampa

**Bolgiano's French Grown Golden Self-Blanching Celery** is of the most Superb Quality. Its crispness and tenderness and its delightfully rich, nutty, appetizing flavor makes it the leading variety in any market. The stalks are large, solid and a beautiful, rich, golden yellow, entirely free from stringiness. It is an excellent keeper, stands shipment better than any other sort and brings the highest market prices. It is a vigorous dwarf grower, compact in growth and self-blanching to a very remarkable degree; even the ribs become a handsome, fresh, clean, yellow color, with a heart that is large and solid and of a beautiful, rich, golden yellow color. It is quite early and easy to cultivate. In the home garden it produces golden yellow stalks very early, which are crisp, tender and nutty in flavor. It will keep in good condition until Christmas or New Years. Our stock of this most wonderful Celery cannot be surpassed. It is grown especially for us by the originator in France. While it would pay you handsomely to plant your entire acreage in this stock of Celery, you cannot afford not to give it a trial. Stock is limited, and we ask you to let us have your order at once in order for you to be sure of securing this most valuable



Easy Blanching Celery



French  
MAIS

German  
MAIS

# Corn

Italian  
MAIS

Spanish  
MAIS

We Pay Postage on 5c and 10c Pkgs. of Corn Only, on Larger Quantities, Postage Extra and Must Be Included With Remittance—Parcel Post Charges—See Page 2

**Culture.** Seed of the sweetest varieties is liable to rot if planted in wet or cold ground. Yet if we have an early warm spell in Spring, it may pay you to take some risks. Often the plants, when once up will escape injury by a belated light frost. Plant in warm soil 5 to 6 kernels to a hill, making the rows 3 feet apart for the dwarf or early sorts, and 4 feet apart for the taller late sorts. Hills to be 2 to 3 feet apart in the rows, thin out to 3 plants in a hill. Always remove the young suckers attached to the larger plants, and permit no weeds to grow. Planting should be made once a week, from the moment the ground is warm enough until about July 15th, using the early varieties for the first three plantings. Quantity required, one quart for 200 hills, 8 quarts per acre.

These varieties are not Sugar Corns. They are harder and can be planted earlier. Make excellent roasting ears.

## Garden Corn

1 qt. is about 2 lbs.  
2½ qts. is about 5 lbs.  
10 lbs. is about 2-3 peck.  
15 lbs. is about 1 peck.  
Order 50 lbs. at 100-lb. rates.

1222. **Truckers' Favorite.** Not a Sugar Corn, but used largely in Baltimore and the South as a table Corn. Lb. 18c. 2 Lbs. 36c. 10 Lbs. \$1.50. 25 Lbs. \$3.50. 100 Lbs. \$12.00.

1049. **65-Day White Cob Corn.** This Extremely Early Corn looks like Snow White Evergreen Corn, but is ready for the market in 60 to 65 days from planting. Lb. 18c. 2 Lbs. 36c. 10 Lbs. \$1.50. 25 Lbs. \$3.50. 100 Lbs. \$12.00.

1052. **Adams Extra Early.** A splendid early variety, largely grown for early market. Lb. 18c. 2 Lbs. 36c. 10 Lbs. \$1.50. 25 Lbs. \$3.50. 100 Lbs. \$12.00.

1053. **Second Early Adams'.** Ears are larger and later than Adams' Extra Early. Lb. 18c. 2 Lbs. 36c. 10 Lbs. \$1.50. 25 Lbs. \$3.50. 100 Lbs. \$12.00.

1050. **Gillespie's First Early Patapsco Neck Corn.** The very First Good Size Corn that can be brought to market. It is so hardy that it can readily be planted as soon as the ground is in good working order, and will, from the day of its germination, hurry forward to meet the early demand for fresh Corn, which is always very keen and causes this delicious, attractive and superior Corn to bring profitable prices. Lb. 18c. 2 Lbs. 36c. 10 Lbs. \$1.50. 25 Lbs. \$3.50. 100 Lbs. \$12.00.

1051. **Double XX Extra Early Adams' Sweet Corn.** Two weeks earlier than Extra Early Adams', large ears completely filled with 10 to 14 straight rows of snowy white deep grains. Lb. 18c. 2 Lbs. 36c. 10 Lbs. \$1.50. 25 Lbs. \$3.50. 100 Lbs. \$12.00.

## Sweet or Sugar Corns

1 qt. is about 1½ lbs.  
5 lbs. is about 1 peck.  
Order 50 lbs. at 100-lb. rates.

### Extra Early

1290. **Bolgiano's Extra Early Harvester Sugar Corn.** New 1920 Creation. (Specialty, see page 8.) The best extra early white Sugar Corn that has ever been placed on the market. Earlier than the Golden Bantam, much sweeter, larger ears and very prolific. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

1136. **California Golden Country Gentleman Corn.** This is a wonderful combination of the "Cream and Honey" Sugar Corn and the well-known "Country Gentleman" Sugar Corn. Could you possibly think of anything more delicious than the good points of these two Corns combined into one? Lb. 22c. 2 Lbs. 44c. 10 Lbs. \$1.90. 25 Lbs. \$4.50. 100 Lbs. \$16.00.

1182. **Bolgiano's New "Cream and Honey" Sweet Corn.** Extremely early, most delicious flavor, exceptionally fine quality. Should be tried by every wide-awake market gardener and in home garden, where the "best" of everything is enjoyed. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

1256. **Howling Mob.** Superb long ears of sweetest quality. Stalks are of strong, vigorous growth, 4½ to 5 feet in height, abundant foliage, and generally produces 2 fine ears to a stalk. Lb. 22c. 2 Lbs. 44c. 10 Lbs. \$1.90. 25 Lbs. \$4.50. 100 Lbs. \$16.00.

1005. **Early "Butter-Nut" Sugar Corn.** New Variety, follows "Cream and Honey" Sugar Corn by four to seven days. Ears 7 to 9 inches long, with 14 rows of good size "Butter-Nut" pearly white grains. Stalks grow about 5 feet high and produce 2 fine ears. Lb. 23c. 2 Lbs. 46c. 10 Lbs. \$2.00. 25 Lbs. \$4.75. 100 Lbs. \$17.00.

1057. **Mammoth White Cory Sweet Corn.** Produces ears 7 to 8 inches long; 12-rowed; white-cobbed and covered with very large, white grains of extra quality. Lb. 23c. 2 Lbs. 46c. 10 Lbs. \$2.00. 25 Lbs. \$4.75. 100 Lbs. \$17.00.

1112. **Golden Bantam Corn.** This very early, yellow grained Sweet Corn, when in best condition for the table, is remarkably sweet and tender. The stock we offer has been improved by several years of careful selection, and therefore will be found decidedly superior to much that is offered. Lb. 23c. 2 Lbs. 46c. 10 Lbs. \$2.00. 25 Lbs. \$4.75. 100 Lbs. \$17.00.

1115. **Premo 60-Day Corn.** It is superior to many leading early varieties in quality, size and yield. Can be planted as early as Adams' for the young plant withstands slight frosts. Lb. 23c. 2 Lbs. 46c. 10 Lbs. \$2.00. 25 Lbs. \$4.75. 100 Lbs. \$17.00.

### Second Early

1302. **Early Crosby.** A high quality, second early, very popular in Eastern sections, especially New England. Ears about six inches long, 14 rowed, grains square, very white, sweet and tender. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. \$1.90. 25 Lbs. \$4.50. 100 Lbs. \$16.00.

1060. **Extra Early Evergreen.** Ears like Evergreen—very large, with about 18 irregular rows and a very long grain of the very best quality; remains in condition for use longer than any other sorts, exceeding the Stowell's in this respect. Lb. 22c. 2 Lbs. 44c. 10 Lbs. \$1.90. 25 Lbs. \$4.50. 100 Lbs. \$16.00.

1061. **Early Mammoth Sugar.** Market Gardeners' favorite. Two weeks earlier than the Late Mammoth. Lb. 22c. 2 Lbs. 44c. 10 Lbs. \$1.90. 25 Lbs. \$4.50. 100 Lbs. \$16.00.

### General Crop

1066. **Snow White Evergreen.** Lb. 21c. 2 Lbs. 42c. 10 Lbs. \$1.80. 25 Lbs. \$4.25. 100 Lbs. \$15.00.

1067. **Stowell's Evergreen.** The truest strain of the leader of all Corns is in our possession. It remains longer in a first-class marketable condition than any other variety. Lb. 21c. 2 Lbs. 42c. 10 Lbs. \$1.80. 25 Lbs. \$4.25. 100 Lbs. \$15.00.

### Late Crop

1065. **Country Gentleman Sugar Corn.** Lb. 21c. 2 Lbs. 42c. 10 Lbs. \$1.80. 25 Lbs. \$4.25. 100 Lbs. \$15.00.

1062. **Large Late Mammoth Sugar.** Lb. 21c. 2 Lbs. 42c. 10 Lbs. \$1.80. 25 Lbs. \$4.25. 100 Lbs. \$15.00.

1063. **Black Mexican.** Lb. 22c. 2 Lbs. 44c. 10 Lbs. \$1.90. 25 Lbs. \$4.50. 100 Lbs. \$16.00.

1193. **Shoe Peg or Ne Plus Ultra.** Lb. 21c. 2 Lbs. 42c. 10 Lbs. \$1.80. 25 Lbs. \$4.25. 100 Lbs. \$15.00.

1064. **Rice Pop Corn for Popping or Seed.** Lb. 15c. 2 Lbs. 30c. 10 Lbs. \$1.00. 25 Lbs. \$2.25. 100 Lbs. \$8.00.



Bolgiano's Superior Stock Stowell's Evergreen Corn





Bolgiano's Famous New Early Fortune Cucumber



We Pay Postage on Pkts., Ozs.,  
 $\frac{1}{4}$  Lbs. and Lbs.

## Cucumber

CONCOMBLE  
 Pepino  
 Gurfe

One ounce will plant fifty hills,  
 two pounds will plant one acre

**Culture.** For very early, sow in hotbeds upon pieces of sod, or in small pots; they can be readily transplanted with a gain of about six weeks before they can be sown in the open. Plant out in rich soil when danger of frost is over, or protect by hand glasses; or by paper held down at the corners with earth. For general crops, sow in the open as soon as the weather is settled and warm, and every two weeks for a succession. For pickles, sow from middle of June to Fourth of July. Sod land, turned over in the Fall, is the best for them. Plant in hills 4 feet apart, putting shovelful of well-rotted manure in each hill.

**394. Bolgiano's New "Crystal Springs" Cucumber.** New 1918 introduction. (Specialty, see page 6.) Extra early, heaviest yielding, continuous bearer. Attractive rich, glossy, deep green color. Deep green to the very tips. Mildew-proof, never turns yellow. Perfect in shape, color and size. No misshapen fruits or culls. Flesh firm, fine grained and tender. The quality is superb. Most refreshing and delightful flavor. Entirely free from bitterness. Very few seeds. Fine for slicing. The ideal Cucumber for either shipping, market or home use. Pkt. 10c. Oz. 20c. 2 Ozs. 35c.  $\frac{1}{4}$  Lb. 60c.  $\frac{1}{2}$  Lb. \$1.10. Lb. \$2.00.

**84. Bolgiano's Early Fortune Cucumber.** Full blooded, as pretty as a picture, and extremely early, wonderfully productive, a model in shape, of the most inviting and attractive deep green color. Without a doubt the finest in the world. (See page 6.) Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 45c.  $\frac{1}{2}$  Lb. 80c. Lb. \$1.50. Postpaid.

**17. Bolgiano's "Prosperity" White Spine Cucumber.** New introduction. This wonderful new Cucumber will immediately jump into utmost favor with shippers, market gardeners and private gardeners. It absolutely has no equal; it will bring prosperity to you quick. Pkts. 5c. and 10c. Oz. 15c. 2 Ozs. 25c.  $\frac{1}{4}$  Lb. 45c.  $\frac{1}{2}$  Lb. 80c. Lb. \$1.50.

**135. New Klondike.** Very dark green, 6 or 7 inches long and two inches thick, remains crisp a long time. It is a grand market sort. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 55c. Lb. \$1.00.

**398. Early Green Cluster Cucumber.** This is an extra early pickling or frame variety, being the earliest Cucumber of practical use. Fruit is set in clusters of two or three and are used for either pickles or for extra early slicers. They will produce fruits 10 days earlier than the earliest slicing varieties. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 65c.

**88. New Extra Long White Spine Cucumber, or Fordhook Famous.** Skin very deep green; firm and usually crisp. The plant is a strong grower; leaf large and of a deep green color. The fruit is long (12 to 17 inches), smooth, slim and uniform. Pkts. 5c and 10c. Oz. 10c. 2 Ozs. 15c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 50c. Lb. 90c.

**86. Improved Extra Early White Spine Cucumber.** We have a very uniform dark green strain. Vines are exceptionally rugged and productive and fruit holds color well after harvesting. Pkts. 5c and 10c. Oz. 10c. 2 Ozs. 15c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 50c. Lb. 90c.

**93. Bolgiano's New Prolific Pickling.** Bears fruit from the time it first starts until frost. Vines are strong and vigorous, yielding immense quantities of fruit, and remains in a fresh, healthy, growing state longer than any other sort. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c. Lb. 75c.

**236. Boston Pickling.** Fruit short, smooth and pointed at each end; light green, a great yielder; one of the best for pickling. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c. Lb. 65c.

**208. Chicago or Westerfield Pickling Cucumber.** Fine for Market Gardeners. Medium length, pointed at each end, large spine, deep green, very prolific. A fine pickling variety. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c. Lb. 65c.

**97. Thorburn's Everbearing.** A short, early pickling variety on a sturdy vine, which stands hard pickling well. The chief characteristic of this variety is the rough pimple spines, completely covering the pickle and making what is known as a gherkin pickle. These pickles are exceedingly crisp and firm, and are generally used for fancy bottled. Pkt. 5c. Oz. 10c. 2 Ozs. 15c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 65c.

**98. Improved Long Green Cucumber.** If you have to make one variety do for everything, this is the one to use. It is used for an early long slicing sort. It gets on the market a week ahead of most good slicers and gets the early money. Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 30c. Lb. \$1.00.

**94. Early Frame, or Early Short Green.** Desirable for producing pickles of medium size and fine quality. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c. Lb. 75c.

**19. Henderson's Perfection White Spine Cucumber.** This Cucumber is very much the same type as the Early Fortune. This sort has great quantities of extra fancy dark green fruit, which always sells well in all markets. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 55c. Lb. \$1.00.

**85. Arlington White Spine Cucumber.** For many years the standard slicing and market variety. Very prolific, and of dark green color. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 55c. Lb. \$1.00.

**90. Evergreen, or Long White Spine Cucumber.** The best extra long table and market Cucumber. Fruit grows 8 to 10 inches long, holding diameter well from end to end. Heavy producers of extra fancy dark green fruits of good quality. Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 30c. Lb. \$1.00.

**340. Fordhook Pickling.** A very prolific pickling. Pkts. 5c and 10c. Oz. 10c. 2 Ozs. 15c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 65c.

**92. New Excelsior Long Green Cucumber.** It is a model for size, form and beauty. Deep green color, and an abundant cropper. For table use and pickles. This sort runs so uniform that the Cucumbers look as if they had all been selected. Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 30c. Lb. \$1.00.

**95. Improved Jersey Pickle.** It is medium in length, very shapely, prolific and holds its color. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c. Lb. 65c.

**544. Davis Perfect Cucumber.** This variety is noted for producing the only Cucumbers of quality enabling them to sell in competition with hothouse grown stock. Very slender, almost seedless, cylindrical and tapering at the ends. It much resembles the expensive English forcing varieties and is superseding them in the markets. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 55c. Lb. \$1.00.

**518. West Indian Gherkin.** This is the only genuine Gherkin. It is small, oval and covered with spines; color light green. Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 55c. Lb. \$1.00.

**517. Japanese Climbing Cucumber.** Used as a beautiful vine and also for its fruit. Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 30c. Lb. \$1.00.

**342. The New Lemon Cucumber.** It has a thin skin, is crisp, tender and sweet. Can be used sliced, whole or as pickles. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 55c. Lb. \$1.00.

**384. Cool and Crisp.** This is the earliest and one of the most prolific pickling Cucumbers. The Cucumbers are of a dark color, straight, long, even and slim. They are very tender and crisp. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c. Lb. 75c.

**454. Pittsburgh Famous Pickling Cucumber.** This stock has been bred to order by one of the most expert plant breeders for a concern who uses thousands of acres yearly and know just what is wanted in pickling Cucumbers. The vines are exceptionally robust; fruit sets close in and are very uniform. Pkts. 5c and 10c. Oz. 10c. 2 Ozs. 15c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.

**587. Snow's Fancy Pickling.** This type is shorter when ripe than the Chicago Pickle and is broad at the stem end, tapering slightly to the tip. The small pickles, although quite similar to the Chicago Pickle, have an additional value where blight prevails. The fruit being smaller, the blight does not sap the strength of the vine to the detriment of a crop. Pkts. 5c and 10c. Oz. 10c. 2 Ozs. 15c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.

**591. Earliest of All.** A fair size, dark green White Spine. The earliest of good quality we have tried, of especial value in localities where blight prevents the maturing of the late and longer sorts; also of value in the south for first crop. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c. Lb. 75c.



1 Ounce will sow 20 square feet,  
6 pounds will sow an acre

## Corn Salad

MACHE  
Macha o Vaierianilla  
Etechšala

We Pay Postage on Pkts., Ozs., ¼ Lbs. and Lbs.

**Culture.** Sow during August or early in September, in drill ¼ inch deep and 6 inches apart. If the weather is dry when the seed is sown, tread it lightly to insure germination. Keep down weeds with hoe. Just before the Winter, cover thinly with straw or leaves.

24. Large German Corn Salad. Used as a salad and for garnishing. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. Lb. 75c.

## Cress

CRESSON—Berro o Mastuerzo  
Sreffe

**Culture.** Sow curled or pepper grass thickly, in shallow drills, every 2 weeks. It should be cut often and will continue to grow. It is useful for salad and for garnishing.

520. True Water Cress. Should be sown in damp soil; or if a stream of water can be utilized, they would be much finer. They will thrive well in damp hotbeds. Rightly managed, their culture is very profitable. To obtain early salad it is a good plan to sow with Water Cress Seed a strip 4 inches wide on the upper margin of the hotbed, inside the frame, where it is always cool. Pkts. 5c and 10c. Oz. 50c. 2 Ozs. 80c. ¼ Lb. \$1.40. Lb. \$5.00.

521. Fine Curled or Pepper Grass. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 50c.

1 Oz. will produce  
500 Plants

## Egg Plant

We Pay Postage on Pkts.,  
Ozs., ¼ Lbs. and Lbs.

AUBERGINE Berengena Cerpflanze

**Culture.** Sow in hotbeds very early in Spring and transplant when 2 inches high into a second bed or into small pots. If this is not done, thin to 4 inches apart. Do not plant out until weather is perfectly settled and warm. Cool nights or wet weather will check them. Keep some back in frames for a second planting, in case of weather changing unexpectedly. Set out plants 3 feet by 2.

100. Bolgiano's Black Beauty Egg Plant. The earliest and best of all large fruited Egg Plants. Pkts. 5c and 10c. ½ Oz. 25c. Oz. 40c. 2 Ozs. 75c. ¼ Lb. \$1.30. ½ Lb. \$2.40. Lb. \$4.60.

99. The Florida High Bush Egg Plant. Holds the fruit well off the ground, resists drought and wet weather. Fine purple color, very productive. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 30c. 2 Ozs. 55c. ¼ Lb. \$1.00. ½ Lb. \$1.90. Lb. \$3.60.

103. Bolgiano's Improved Large Purple Egg Plant. Perfect stock of improved Large Purple Egg Plant—purer, truer, better than has ever been offered before. It has a handsome shape, a fine, dark, purple color, beautiful form, large size, and is uniform, making it attractive for shipping and market use. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 35c. 2 Ozs. 65c. ¼ Lb. \$1.15. ½ Lb. \$2.15. Lb. \$4.10.

101. New York Improved Egg Plant. (Spineless.) A vigorous grower; fruit large, fine, free from thorns, and produce until frost; skin of a rich purple, flesh white and of a rich flavor. We can highly recommend this Egg Plant. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 35c. 2 Ozs. 65c. ¼ Lb. \$1.15. ½ Lb. \$2.15. Lb. \$4.10.

556. New Jersey Improved Large Smooth Egg Plant. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 35c. 2 Ozs. 65c. ¼ Lb. \$1.15. ½ Lb. \$2.15. Lb. \$4.10.



New York Improved Purple Egg Plant

104. New Orleans Egg Plant. Large, dark, purple or New Orleans Market. They are good shippers. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 30c. 2 Ozs. 55c. ¼ Lb. \$1.00. ½ Lb. \$1.90. Lb. \$3.60.

1 Oz. to 150 feet  
of row

## Endive

CHICOREE  
Escarolo o Endivia  
Endivia

We Pay Postage on Pkts., Ozs., ¼ Lbs. and Lbs.

106. Bolgiano's New Self-Blanching Endive. A perfect self-blanching curled Endive, beautiful and graceful in shape, most attractive, perfect color, shading from a large, rich golden heart to the outer leaf of emerald green. Pkt. 5c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 30c. ½ Lb. 55c. Lb. \$1.00.

107. Green Curled Endive. Much better than the common varieties. An attractive and ornamental vegetable. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 45c. Lb. 85c.

452. Broad-Leaved Batavian. The leaves are large and broad, having the edges slightly cut. It can be blanched, but is more generally used to cook like Spinach, or as flavoring for soups, stews, etc. Called "Escarolle" in the South. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. Lb. 75c.

## Chicory

404. Witloof or French Endive. Witloof is used principally as a winter salad. The seed should be sown in the open ground not later than June. The roots are lifted in the fall, and stored in soil in a cool place until wanted for forcing. They are then trimmed of side roots and the tails cut off to have an even length of 6 inches. A box 14 inches high is filled with 2 inches of soil at the bottom and the roots packed upright in rows with a thin layer of soil between each row. The crowns of the roots are covered loosely with 6 inches of sand or light earth. After watering thoroughly, the box is placed near the heater of the cellar and kept moderately moist until the sprouts push through. Pkt. 15c. Oz. 25c. ¼ Lb. 75c. Lb. \$2.50. Postpaid.

## Herbs—

SWEET, MEDICINAL  
AND POT

	Pkt.	Oz.	¼ Lb.	Lb.		Pkt.	Oz.	¼ Lb.	Lb.
Basil Sweet	10c	15c	40c		Martynia	10c	30c	\$1.00	
Caraway	5c	10c	20c		Rosemary	10c	65c	2.00	
Chives	10c	55c	1.65		Sage	10c	40c	1.30	\$4.50
Coriander	5c	10c	20c	50c	Summer Savory	10c	25c	60c	
Dill Mammoth	5c	10c	15c	40c	Thyme	10c	50c	1.40	5.00
Fennel Sweet	10c	15c	45c	\$1.40	Horehound	10c	30c	95c	
Marjoram Sweet	10c	20c	60c	2.00	Lavender	10c	25c	80c	



Sage





Bolgiano's Hardy Winter Bore Cole or Kale

112. **Extra Dwarf Green Curled Scotch, or Norfolk Kale.** One of the best Kales for Spring sowing in the North; the principal sort grown South for Northern markets; hardy, and will remain over Winter where temperature does not go below zero. Very dwarf and spreading, rarely exceeding 18 inches in height. Leaves are a bright green color, beautifully curled and produced in abundance. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 30c. Lb. 50c.

108. **New Imperial, Very Curly, Long Standing Kale.** Beautifully curled and crimped sort; strong, vigorous habit, perfectly hardy, bright green color; very attractive in appearance; superior to all late sorts; will stand longer without shooting to seed than any other variety. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 30c. Lb. 50c.

351. **Spring or Smooth Kale.** A hardy, quick growing, smooth leaved variety. The best for Spring sowing, but largely sown in the Fall, making greens earlier than the Winter varieties. Pkt. 5c.  $\frac{1}{4}$  Lb. 10c.  $\frac{1}{2}$  Lb. 15c. Lb. 20c.

109. **Curled German Kale.** Hardy; stands the frost of our severest Winters; grows rapidly, dwarf habit, beautifully curled. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 15c.  $\frac{1}{2}$  Lb. 25c. Lb. 45c.

110. **Siberian Curled Kale.** The green leaves are very large and comparatively plain in the center, but heavily curled on the edge. It is a fast grower, extremely hardy and will stand longer in the Spring without bolting than any other variety. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 15c.  $\frac{1}{2}$  Lb. 25c. Lb. 45c.

512. **New American, Extra Curled, Long Standing Kale.** Of a beautiful green color. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 15c.  $\frac{1}{2}$  Lb. 25c. Lb. 45c.

## Kohl-Rabi

CHOU-RAVE  
Calinabo  
Sohl-rabi

We Pay Postage on Pkts., Ozs.,  $\frac{1}{4}$  Lbs. and Lbs.

### 152 "Best-of-All" Kohl-Rabi

Combines the qualities of the finest varieties. Round like an apple, fine, smooth skin. Leaves very few, stand erect, enabling grower to plant closer and helps him in bunching. Flesh is unsurpassed in tenderness and flavor. "Best of All" Kohl-Rabi will not run to seed in frosty weather. Equally valuable for forcing or open ground culture. Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 40c. Lb. \$1.25.

117. **Earliest White Vienna.** The standard well known variety most largely used; fine stock. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c.  $\frac{1}{4}$  Lb. 30c. Lb. \$1.00.

343. **Purple Kohl-Rabi.** Very much appreciated by the best truckers. Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 30c. Lb. \$1.00.

## Leek

POIREAU  
Puerro  
Berro

We Pay Postage on Pkts., Ozs.,  $\frac{1}{4}$  Lbs. and Lbs.

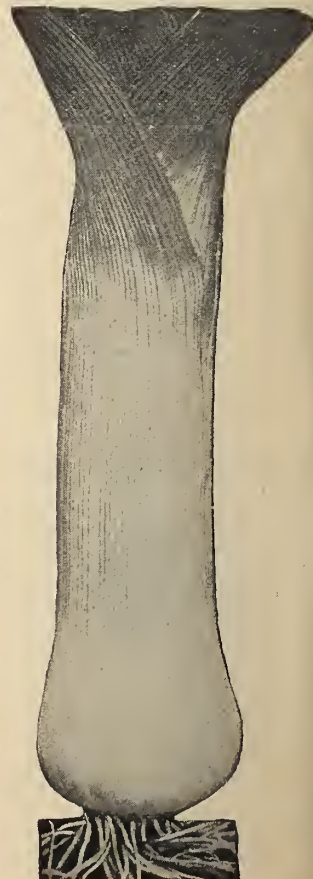
**Culture.** Sow early in April in drills 1 foot apart and 1 inch deep. When plants are 6 to 8 inches high transplant in a deep, rich soil in rows 12 inches apart and 6 inches in the rows, as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow.

### Bolgiano's Famous Mammoth King Leek

114. This stock we have by years of selection built up until it has become to those who use it a pleasure to grow and a profit too. It has a handsome form, is very mild, agreeable in flavor, grows to double the size of ordinary varieties, is pure white, has attractive, dark-colored leaves, is stout in habit and hardy. The edible part is 8 to 15 inches long and 3 to 5 inches in diameter. It is without exception the largest and best Leek ever placed in the hands of the grower. Pkt. 5c and 10c. Oz. 20c. 2 Ozs. 30c.  $\frac{1}{4}$  Lb. 50c.  $\frac{1}{2}$  Lb. 95c. Lb. \$1.75.

546. **Monstrous Carenton or Scotch Champion.** Very large, hardy and productive; popular for market. Pkt. 5c and 10c. Oz. 20c. 2 Ozs. 30c.  $\frac{1}{4}$  Lb. 50c.  $\frac{1}{2}$  Lb. 95c. Lb. \$1.75.

116. **Extra Large American Flag or Broad London.** Distinct and dark-colored leaves; stout in habit and hardy. Pkt. 5c and 10c. Oz. 20c. 2 Ozs. 30c.  $\frac{1}{4}$  Lb. 50c.  $\frac{1}{2}$  Lb. 95c. Lb. \$1.75.



Bolgiano's Mammoth King Leek



"Best of All" Kohl-Rabi



# Lettuce

LAITUE  
Lechuga  
Salat

1 Oz. to 3,000 Plants  
2 Lbs. to the Acre

We Pay Postage on Pkts., Ozs.,  $\frac{1}{4}$  Lbs.  
and Lbs.

**Culture.** For early Summer use, sow in hotbeds in March, sowing every two weeks for succession. Transplant the young plants to rows 2 feet apart and 8 to 12 inches apart in the row. For Winter use, sow in August, transplant to frames; and for this purpose the early heading varieties, such as the Millionaire Lettuce, are best adapted. The Cos varieties require to be tied up for a few days in order to properly blanch them.

## Earliest Varieties

415. **Bolgiano's "Masterpiece" Lettuce.** New 1920 Creation. (Specialty, see page 5.) Sure header, very solid, beautifully blanching, crisp as ice; mild, tender, sweet, delicious flavor. It is equally well suited for the home garden, near-by markets or long-distance shipping. Does well in any section of the country. A very profitable Lettuce to grow. Pkts. 10c and 25c.  $\frac{1}{2}$  Oz. 30c. Oz. 50c.  $\frac{1}{4}$  Lb. \$1.40.  $\frac{1}{2}$  Lb. \$2.65. Lb. \$5.00.

380. **"Long Lost" Lettuce.** (Specialty, see page 5.) Produces large, extremely solid, compact cabbage heads. It is a reliable sure header and is very hardy. It stands the cold. It will Winter over better than Big Boston Lettuce. "Long Lost" Lettuce has both shipping and eating qualities, decidedly buttery in flavor, sweet and tender. Of a solid, bright, attractive green, never spotted or brownish in any part. As a shipper, "Long Lost" Lettuce far surpasses every other Lettuce, including the Big Boston. Supply very limited. Pkts. 10c and 25c.  $\frac{1}{2}$  Oz. 30c. Oz. 50c. 2 Ozs. 80c.  $\frac{1}{4}$  Lb. \$1.40.  $\frac{1}{2}$  Lb. \$2.65. Lb. \$5.00.

352. **May King.** A handsome, light green heading variety of medium size and excellent quality. Outdoors the heads mature exceptionally early, attaining a size suitable for use before other sorts, and often the edges of the outer leaves have a brownish tinge. The plant is very compact for so large a head. It is very satisfactory also for forcing under glass. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 55c. Lb. \$1.00.

480. **Bolgiano's "Sure Summer Header" Lettuce.** (Specialty, see page 5.) This is the best Mid-Summer Variety, resisting heat and drought and remains in a heading condition longer than any other. It is a sure header in the hottest, driest weather and proves a big success under conditions when all others fail. The heads are a good size, very solid, a fresh green color. Loose leaves can all be used as they are brittle and tender. This strain is a big improvement over all other Summer varieties. Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 45c.  $\frac{1}{2}$  Lb. 80c. Lb. \$1.50.

122. **Improved White Loaf Lettuce.** After the most careful cultivation and roguing, we have established the truest and most uniform strain of improved White Loaf Lettuce. It is planted largely in the Fall and allowed to remain in the open ground all Winter. In the earliest Spring it quickly forms most delicious, large light colored Lettuce heads. As a frame Lettuce it has no equal; often 18 heads have brought \$2.50 wholesale. If planted in early Spring, it quickly forms heads and can be brought to market long before other Lettuce. Pkts. 5c and 10c. Oz. 10c. 2 Ozs. 15c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.

156. **Big Boston Lettuce.** Bolgiano's Famous Stock. Big Boston Lettuce is the most valuable Lettuce in cultivation; its excellent qualities have made it the most popular and most extensively used Lettuce in the world. It can be grown in the open ground for Summer or Fall, in frame for Spring or forced cool in greenhouses for Winter use, producing under each condition, grand, large, buttery, yellow heads, filled with sweet, crisp, tender, beautifully blanching leaves. Stands long without going to seed; has few outer leaves and makes a large, attractive plant. Big Boston Lettuce is specially adapted to cool, open ground culture. Our stock of this famous Lettuce is the finest in the World. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c.  $\frac{1}{4}$  Lb. 45c.  $\frac{1}{2}$  Lb. 80c. Lb. \$1.50.



A Field of Bolgiano's Famous Big Boston Lettuce

425. **New York or Wonderful Lettuce.** A decidedly crisp variety; strictly cabbage head. Very large. Extremely slow to shoot to seed. Hardy, well blanching; sweet, delicious flavor. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 15c. Oz. 25c. 2 Ozs. 45c.  $\frac{1}{4}$  Lb. 75c.  $\frac{1}{2}$  Lb. \$1.35. Lb. \$2.50.

137. **Black Seeded Tennis Ball or Boston Market.** One of the very best for either forcing or early outdoor planting. Plants good size, leaves are of good substance and of attractive, dark green color. Heads are solid, crisp and tender. Pkt. 5c. Oz. 15c. 2 Ozs. 25c.  $\frac{1}{4}$  Lb. 40c. Lb. \$1.25.

155. **"Unrivaled" Lettuce.** An improvement on the Big Boston Lettuce, possessing earliness, large size, attractive color, etc. It can be sown almost the whole year around; it resists the Summer heat, is crisp and solid. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c.  $\frac{1}{4}$  Lb. 30c. Lb. \$1.00.

150. **Millionaire Lettuce.** Unquestionably the Earliest and far better than any other extremely early large heading Lettuce. A Lettuce fit for a king. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 55c. Lb. \$1.00.

399. **Burpee's Wayahead Lettuce.** Shows a remarkable combination of earliness, firm heading character, handsome appearance and fine quality. Both in cold-frames early in the Spring and in the open ground in Spring, Summer and early Fall months, it has proven to be one of the earliest and surest heading of all early Lettuces. The outer leaves are a light green, with the inner head firmly blanching to a rich, buttery yellow. Retains its good quality throughout the season and stands longer without going to seed than many other early varieties. Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 55c. Lb. \$1.00.





Bolgiano's Millionaire Lettuce

## Heading Lettuce

120. "Lucky Stroke." Bolgiano's New Lettuce. The largest and most successful Lettuce growers are wild over this new early Summer Lettuce. It is simply perfect. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c.  $\frac{1}{4}$  Lb. 40c.  $\frac{1}{2}$  Lb. 70c. Lb. \$1.25.

133. California Cream Butter Lettuce. Outside leaves are a medium green color, inside is folded a solid head of rich, creamy color. The largest growers considering it one of the best in cultivation. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.

215. Burpee's Butterhead Lettuce. A fine, large, hard-headed variety, solid, rich and buttery. Always well blanched and tender. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.

124. Bolgiano's Celebrated Big Head Lettuce. Its beautiful form and color attract the attention of expert growers. It forms a compact head; has no core, but a tender, golden heart. As a shipper it is unexcelled, commands the very best prices; demand always exceeds the supply. It resists the cold, withstands the Summer heat, always has a crisp, mild flavor, when open it becomes a table ornament; in fact, in this sort the trucker has found a perfect Lettuce. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c. Lb. 75c.

348. Tait's Imperial Cabbage Lettuce. Some of the most successful growers in the vicinity of Norfolk prefer it to any other sort. The leaves are thick, crisp and stiff, and carry well in shipment. Color bright green, and holds well after cutting. As an open air Lettuce it is unexcelled for endurance of extreme cold and yield per acre. Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 55c. Lb. \$1.00.

Pkt. Oz.  $\frac{1}{4}$  Lb. Lb.

134. Mammoth Black  
Seeded Butter 5c 10c 25c 75c

153. Baltimore Cab-  
bage Lettuce.. 5c 10c 25c 75c

## Cos or "Celery" Lettuce

The Lettuce called Salad Romaine is of distinct, upright growth, and esteemed for its fresh crispness and mild flavor during the Summer and in warm climate.

339. Eclipse or "Express" Cos. The most dwarf and earliest of all. The plants grow stiffly erect, only six or seven inches in height. The interior leaves are almost pure white, very crisp, and mild in flavor, even in hot weather. Pkts. 5c and 10c. Oz. 10c. 2 Ozs. 15c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 50c. Lb. 95c.

123. Paris Self-Folding or Trianon White Cos. Grows to a very large size, producing long-pointed, compact bunches. The inner leaves blanch readily and are of fine flavor. Pkts. 5c and 10c. Oz. 10c. 2 Ozs. 15c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 50c. Lb. 95c.

## Solid Crisp Head Lettuces

Also Loose Head Varieties

132. Grand Rapids. Finely curled or fringed edges. Its delicious quality and handsome appearance make it most popular. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.

350. "Iceberg" Lettuce. The heads are large, crisp, solid and tender. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 50c. Lb. 90c.

145. Hanson. Grows to large size and is uniformly sure heading. Heads very solid and beautifully blanched; crisp, mild and tender. One of the finest varieties to grow for market during the Summer months. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 50c. Lb. 90c.

147. Black-Seeded Simpson. Very large, finely fringed. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.

345. Early-Prize Head. (Brown Cabbage.) Large, loose heads, tinged with brown. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c. Lb. 65c.

WE WILL GLADLY MAIL A COPY OF THIS CATALOG TO YOUR FRIEND OR NEIGHBOR IF HE IS INTERESTED. PLEASE LET US HAVE HIS NAME.



Bolgiano's Early-Prize Head Lettuce



# Muskmelons

(Cantaloupe)

French  
MELON

German  
MELONE

Italian  
POFONE

Spanish  
MELON

We Pay Postage on Pkts., Ozs., ¼ Lbs. and Lbs.

**Culture.** A sandy loam to which plenty of well rotted manure has been added will be found ideal. Plant early in May, when the ground has become warm, in hills 6 feet apart each way; 12 to 15 seeds to the hill; cover half inch deep. To prevent damage by insects, spray with Pyrox. Thin out few plants after they show good growth and when all danger of insects is over thin out to 3 to 4 plants to the hill. For an early crop sow seed in berry boxes placed in hotbeds and transplant outdoors; do not disturb the roots. Sow one ounce of seed to 60 hills; two-thirds pound for an acre.

## Green Fleshed Varieties

16. "Junior" Rocky Ford. Two weeks earlier, a little larger, twice as productive as Rocky Ford. More thoroughly and deeply netted. Rust and blight proof. Packs in crates better and carries better than any other melon. Most deliciously sweet and spicy. The attractive, green flesh is thick, smooth and firm. Pkts. 5c and 10c. Oz. 20c. 2 Ozs. 35c. ¼ Lb. 60c. ½ Lb. \$1.10. Lb. \$1.50.

450. Honey Dew. The new Melon. Average size 6 inches in diameter and 7 to 8 inches in length. Weight averages 8 to 10 pounds. The skin is smooth and the rind though thin is very tough. Will keep until Christmas. Creamy yellow when ripe. Flesh an emerald green. Can be eaten to the extreme rind. Is a good shipper. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 30c. ½ Lb. 55c. Lb. \$1.00.

207. Watters' Improved Solid Net Rocky Ford Cantaloupe. This is the earliest strain of Rocky Ford Cantaloupes. The meat is light green, spicy and sweet. The heavy gray netting is closely laced. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

337. Knight, or New Maryland Cantaloupe. A very popular melon with large growers and shippers; somewhat larger than the Rocky Ford or Netted Gem. We offer the original stock, which is very fine. Pkt. 5c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 25c. ½ Lb. 45c. Lb. 85c.

157. Thoroughbred "Rocky Ford" Cantaloupe. Thoroughbred Stock. Bolgiano's Trustworthy Stock. The finest in the world. Meat light green changing very slightly toward gold near the center. Very spicy and sweet; abundant yielder, having produced 300 standard crates from one acre; it is an excellent shipper. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 65c.

471. 10-25 Cantaloupe. A reselection of the Pollack Salmon Tint No. 25 strain of Rocky Ford, which in the last few seasons has become the most popular strain of the Rocky Ford Cantaloupe among market growers. Salmon flesh, tender, sweet flavored, without strings or toughness. Excellent shipper. Good seller. Pkts. 5c and 10c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

## Baltimore Nutmeg Cantaloupe

The Original Stock. Finest on Earth.

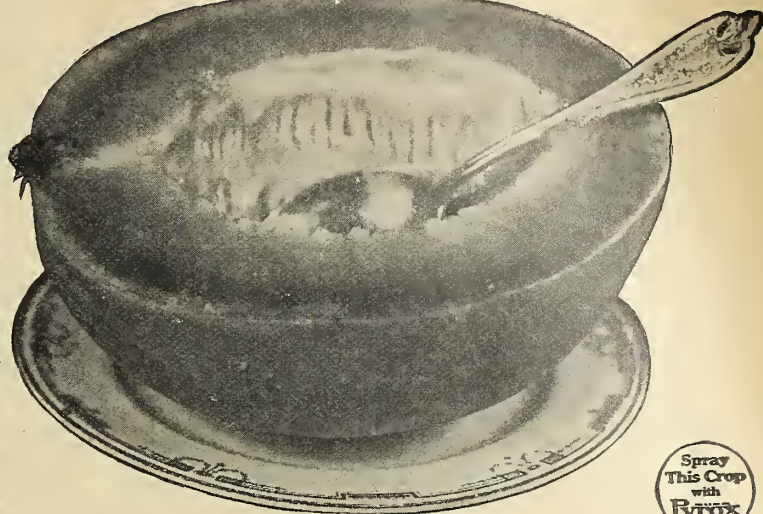
170. Is delicious in flavor, attractive in form and color, and unexcelled as a shipper. Our seed of Baltimore Nutmeg Cantaloupe is produced under a bracing, clear and invigorating climate. This insures a parent stock of the finest flavor. We recommend this melon, and firmly believe the cash balance of every trucker will be materially increased if he grows our superior stock of Nutmeg Cantaloupe. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

160. Extra Early Hackensack. Will weigh from 10 to 12 pounds, delicious flavor. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

161. Netted Gem. Extra early, weight 1 to 1¼ pounds, fine. Pkt. 5c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

166. Anne Arundel. Large, green fleshed, deeply netted. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

401. Delicious Gold-Lined Rocky Ford Cantaloupe. This strain of Eden Gem type is the result of several years selection by one of the most progressive farmers of Rocky Ford, Colo. Shape is ideal, no ribs, and it is heavily netted over the entire melon. The melon is thick meated, fine grained and sweet; color, green, with a gold margin next to the seed cavity. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 30c. ½ Lb. 55c. Lb. \$1.00.



Honey Dew Melon

167. Eden Gem or Netted Rock Rocky Ford Cantaloupe. This magnificent new Muskmelon is a selection of the old Rocky Ford, which it completely surpasses in lusciousness, yield heavy; good shipper. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 30c. ½ Lb. 55c. Lb. \$1.00.

334. Pollock Rocky Ford Cantaloupe. A rust resisting melon, with netting over the blossom end; not a long melon, but rather inclined to be short, with the finest shipping and eating qualities. The selection from time to time have reduced the size; now they crate nicely. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

492. Bottomley Cantaloupe. A great blight resister. A few days later than the Knight. Slightly smaller than the Knight. Uniform size, about 7 inches from stem to blossom end. Beautifully netted with deep green ribs, giving it a most attractive appearance. Thick meated, very crisp and fine flavor. Handsome greenish color shading to a frosty salmon next to seed cavity. Small seed cavity. Shape oval, slightly more pointed at blossom end than at stem end. A wonderful shipper. Retains its flavor and firmness longer than any other melon. A great favorite wherever grown. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 40c. Lb. \$1.25.

168. Improved Jenny Lind. The Jenny Lind is the earliest small medium sized melon known. It is very uniform in size, well netted and with thick meat. Small seed cavity. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. Lb. 75c.

333. Acme or Baltimore. Popular, large, fine flavored. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

## Orange Fleshed Varieties

51. Melting Gold Rocky Ford Cantaloupe. Simply the most delicious Cantaloupe that was ever eaten. The sweet, luscious flesh is as yellow as melting gold. It is the best eating Cantaloupe in the world and a splendid, profitable shipper. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 40c. ½ Lb. 70c. Lb. \$1.25.

574. Salmon Fleshed Eden Gem. Outward appearance is identical with the Eden Gem, but a trifle more uniform in size; it is the best long distance shipping Rocky Ford strain, with a new delicious flavor and color of flesh. One of the closest netted of all melons. It is unequalled in hardness, prolificness and disease resistance. It originated with Professor Blum, of the Colorado Experiment Station. The color is almost invariably salmon, if cut at the right stage. Supply of seed very limited. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 30c. ½ Lb. 55c. Lb. \$1.00.

408. Bolgiano's "Unsurpassed" Cantaloupe. New 1920 creation. (Specialty, see page 7.) The best Cantaloupe ever grown, fairly melts in your mouth. Tender, delicious, sweet flavored, salmon-colored meat. Vigorous grower, blight resister, enormous producer, splendid shipper, solid netted, no culls, handsome appearance. Satisfies the most critical trade. Pkts. 5c and 10c. Oz. 20c. 2 Ozs. 35c. ¼ Lb. 60c. ½ Lb. \$1.10. Lb. \$2.00.

548. Burrell's Gem. The fruit is of good size, handsome appearance and fine flavor. The skin is a rich, dark green, contrasting finely with the deep, orange-salmon colored flesh; sweet, tender. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 65c.

169. Emerald Gem. The melons are about the size of Netted Gem. The flesh is of a beautiful salmon color, and is peculiarly crystalline in appearance, the flavor is sweet and luscious beyond description. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 65c.

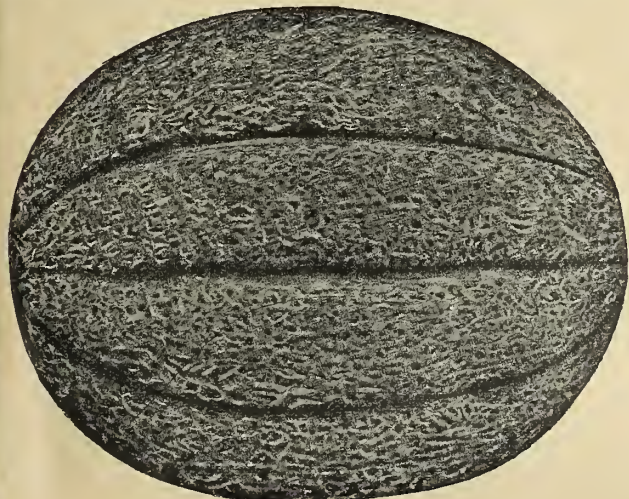
592. Honey Dew—Salmon Flesh. This melon is identical with the Green Fleshed Honey Dew only that the flesh is a beautiful salmon instead of green. Pkts. 5c and 10c. Oz. 15c. 2 Ozs. 25c. ¼ Lb. 30c. ½ Lb. 55c. Lb. \$1.00.

528. Banana. The deep, golden flesh is of exquisite flavor. It looks and smells like a banana. Not a mere curiosity, but is in such favor as to command prices from 50c and \$1.00 for a single specimen. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 30c. ½ Lb. 55c. Lb. \$1.00.

164. Paul Rose. The fruits are nearly round, ribbed and heavily netted. The flesh is thick, of rich, deep orange color, and ripens close to the rind, with small seed cavity. It is an excellent shipper. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

162. Orange-Flesh Osage. The fruits are larger than those of the Emerald Gem; nearly round in form, but having the same distinct dark green skin with lighter bands between the ribs, and thick, firm, orange flesh of fine quality. Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 30c. Lb. 50c.

353. Extra Early Osage Gem. Round, well netted, thick, deep salmon-colored flesh, small seed cavity, delicious flavor. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 50c.



"Junior" Rocky Ford Cantaloupe



# Watermelon

French      German      Italian      Spanish  
MELON D'EAU   WASSER-MÉLONE   MELONE D'ACQUA   SANDIA

**Culture.** Require a rich, though sandy soil for perfect development, and thrive best in warm latitudes, such as the Southern or Southwestern States, although in a warm sandy soil in a more northern latitude fine crops are often obtained. Cultivate and treat exactly as for Muskmelons, except that the hills should be eight to ten feet apart. 1 ounce seed to 30 hills; 4 to 5 pounds for an acre.

## 172. Indian Chief, Bolgiano's Wonderful New Watermelon.

Large, oblong, dark-green melon, with a thick netting all over it. The rind is thin but tough. The flesh is a bright attractive red. The flavor is delicious, sweet and satisfying. Very productive. A perfect shipper. Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 55c. Lb. \$1.00.

**171. Bolgiano's Cold Mountain Spring Watermelon.** The ideal melon for Southern shippers, prolific, uniformly, good size, tough rind, flesh red and delicious. Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 55c. Lb. \$1.00.

**405. "General Pershing" Watermelon.** (Specialty, see page 6.) A wonderful producer. No culls. Stands dry weather. Disease resistant. Eating qualities unequalled. The sparkling red flesh is as sweet as honey. Size uniformly large, ranging from 35 to 50 pounds. Color a light pea green. Will not sunburn. Ripens earlier than Tom Watson. Will keep in good condition for a long time after picking. Will stand long-distance shipping better than any other melon. Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 45c.  $\frac{1}{2}$  Lb. 80c. Lb. \$1.50.

**176. Florida Favorite.** An oblong melon, with dark green skin faintly striped with lighter green, deep red flesh of excellent flavor. One of the best table sorts. Not a good shipper. Ripening 80 days. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c. Lb. 75c.

**245. Tom Watson Watermelon.** A large, oblong melon, dark green rind. Rind is thin but tough. Flesh deep red, tender, firm and sweet. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.

**406. Irish Gray Watermelon.** The size is uniform and large. Color of rind gray. Ripens earlier than Tom Watson and will keep in good condition for a long time after picking. Very prolific and a good shipper. A fine market sort. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 45c. Lb. 85c.

COLE'S EARLY

We Pay Postage on  
Pkts., Ozs.,  $\frac{1}{4}$  Lbs.  
and Lbs.

KLECKLEY'S  
SWEET

EXCEL

IRISH  
GRAY

TOM WATSON

INDIAN CHIEF

Spray  
This Crop  
with  
**Ryox**

**381. "Excel"—The New Watermelon.** A long green melon. Handsome in appearance and far surpasses the Tom Watson. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.

**192. Kleckley's Sweet.** Oblong, dark green. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.

**181. Alabama Sweet.** Good size, very uniform, long, dark green skin, red flesh. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c. Lb. 75c.

**178. Georgia Rattlesnake or Striped Gypsy.** Shape oblong, of light green color and beautifully mottled and striped with a light shade; flesh scarlet, rind thin, very solid, and both sweet and delicious. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.

**217. Peerless or Ice Cream Watermelon.** Very early and one of the best; form oval, rind mottled light green, flesh firm and sugary. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c. Lb. 75c.

**31. Halbert Honey.** Average 18 to 20 inches long, bluntly rounded at both ends. Skin dark green. Flesh a beautiful, rich crimson, sweet and luscious, ripens to the rind. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c. Lb. 75c.

**173. Coles Early.** Strictly a home market melon, almost round in shape. Rind light green, striped with broad bands of dark green. Flesh bright red, crisp and delicate texture. Ripening 80 days. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c. Lb. 75c.



Try Mustard cooked like Spinach—it is delicious  
One ounce will sow 100 feet of drill

## Mustard

We Pay Postage on Pkts., Ozs.,  
¼ Lbs. and Lbs.

203. **Southern Giant Curled.** The true curled leaf variety, sweet flavored, pungent and succulent; used for early salad. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 25c. Lb. 45c.

204. **Ostrich Plume Mustard or Fordhook Fancy.** Desirable and ornamental. It is distinct from any other variety. The plants are of vigorous growth, and the beautiful dark green, pungent leaves curve outwardly like a fine ostrich plume. The edges are as thoroughly curled and laciniated as the best double curled Parsley, making the leaves equally desirable for garnishing. So attractive is the habit of growth and the feathery effect of the finely fringed leaves that this plant is quite worthy of a place in the garden as an ornamental border plant. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 25c. Lb. 45c.

**Chinese Broad Leaf.** The leaves are twice the size of the ordinary White Mustard, while the flavor is sweet and pungent. Pkt. 5c. Oz. 10c. ¼ Lb. 15c. Lb. 45c.

## Mushroom Spawn

BLANC DE CHAPIGNON  
Seto—Champignonbrut

**Culture.** Mushrooms may be grown in cellars, under benches in greenhouses, or in sheds wherever the temperature of 50 degrees can be kept up during the Winter. The beds should be made from November to February, according to the time the Mushrooms are wanted, and it requires about 2 months for them to begin bearing. Secure fresh horse dung, free from straw and litter and mix an equal bulk of loam from an old pasture with it. Keep this under cover, taking care to turn it every day to prevent it from heating, until the pile is large enough to make a bed of the required size. Three or four feet wide, eight inches deep and any length desired are the proper proportions for a bed, but this may be varied. Prepare the mixture of loam and manure, making the bed in layers and pounding down each with the back of a spade. Leave this to heat through for a few days, and as soon as the heat subsides to 90 degrees make holes in the bed about a foot apart each way, into which put pieces of spawn 2 or 3 inches in diameter; fill up the holes with compost, and at the expiration of a week or 10 days the spawn will have thoroughly diffused itself through the bed. Spread layer of soil over the heap to the depth of 2 inches, and cover with 3 or 4 inches of hay, straw or litter. Examine bed often to see that it does not get dry. Take special care, however, when water is given that it be at a temperature of 100. One brick to a bed 6 feet square.

**American Pure Mushroom Spawn.** Bricks 25c each; 10 Bricks at 22½c; 25 Bricks at 20c; 50 to 100 Bricks at 18c.

Bolgiano's  
Imperial Dwarf  
Short Podded Okra



## Nasturtium

Nasturtium of all varieties are useful for furnishing tender seed-pods which make delicious pickles. The seeds for pickling should be gathered while green and with a portion of the stem attached. Pick them over and place in a jar until filled; then cover them with cider vinegar that has been brought to the boil and is still warm, to keep for Winter use.

**Dwarf Mixed.** Pkts. 5c and 10c. Oz. 10c. ¼ Lb. 20c. Lb. 60c.

**Tall Mixed.** Pkt. 5c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 15c. Lb. 50c.

We Pay Postage on Pkts.,  
Ozs., ¼ Lbs. and Lbs.

## Okra, or Gumbo

1 Oz. to 40 Feet of Drill  
10 Lbs. to Acre

198. **Perkin's Mammoth Long-Podded Okra.** Pods shoot out from the stalk within three inches of the ground and the whole plant is covered with them to its extreme height. Pods are an intense green color, 9 to 10 inches long, very slim and do not get hard. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 50c.

201. **Bolgiano's Imperial Dwarf Short-Podded Okra.** It has a dwarf, shapely, dense pod, of an attractive pea-green color. The flavor is exceptionally rich. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 50c.

199. **Dwarf Green Prolific Density Okra or Gumbo.** Its green pods impart fine flavor and consistency to soups and stews, besides being palatable when stewed and served as a dish of Asparagus. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 50c.

200. **White Velvet Okra.** The pods of this distinct and beautiful new Okra are much longer, perfectly smooth, never prickly. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 50c.

202. **Lady Finger Okra.** The plants produce long, tender pods of fine, round form, white and smooth. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 50c.

1 Oz. will sow 200 feet  
of Drill  
6 Lbs. to the Acre

## Parsley

PERSIL  
Perijil  
Pst

221. **Bolgiano's New Green Mountain Triple Parsley.** Pkt. 5c. Oz. 10c. 2 Ozs. 15c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

222. **Market Gardeners' Best Triple Curled Parsley.** Very handsome; plants are of a robust and free growth and it is

improved by severe cutting; leaves large, beautifully curled; very dark green, stands the heat, drought and cold. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

223. **Extra Dark Champion Moss Curled Parsley.** The large, moss, curled leaves are of a rich, dark green color and very productive. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

541. **Fine Double Curled Parsley.** Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

540. **Extra Curled Dwarf or Emerald.** Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 60c.

224. **Plain or Single Parsley.** Pkt. 5c. Oz. 10c. ¼ Lb. 20c. ½ Lb. 35c. Lb. 55c.

**Hamburg Rooted.** Pkt. 5c. Oz. 10c. ¼ Lb. 15c. ½ Lb. 25c. Lb. 45c.



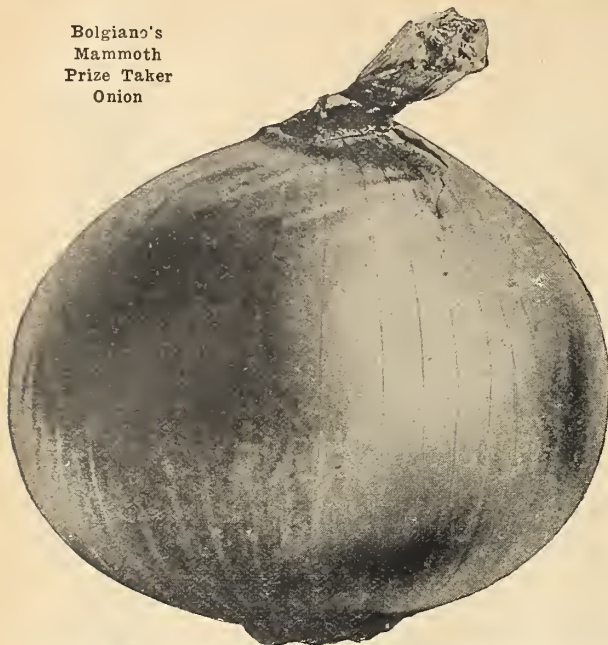
Green Mountain Triple Curled Parsley



Mushrooms



Bolgiano's  
Mammoth  
Prize Taker  
Onion



213. **Mammoth Silver King.** Bulbs of attractive form, flattened, but thick through; average diameter 5 to 7 inches; single bulbs often weigh 2 to 3 pounds; skin is a clear, silvery white; flesh snow white, sweet and tender. Pkts. 5c and 10c. Oz. 20c.  $\frac{1}{4}$  Lb. 50c.  $\frac{1}{2}$  Lb. 95c. Lb. \$1.75.

210. **Extra Early Pearl, White Queen, or Barletta Onion.** Enormous size; grows full-size roots from seeds the first season; skin pure white, waxy color, flesh snowy white, delicate and tender. Often grows 6 inches in diameter and weights 3 pounds; valued as a very early sort. Pkts. 5c and 10c. Oz. 25c. 2 Ozs. 40c.  $\frac{1}{4}$  Lb. 65c.  $\frac{1}{2}$  Lb. \$1.20. Lb. \$2.25.

511. **Large White Portugal.** The standard, large, flat variety. Pkts. 5c and 10c. Oz. 25c.  $\frac{1}{4}$  Lb. 75c.  $\frac{1}{2}$  Lb. \$1.35. Lb. \$2.50.



Hollow  
Hub  
Parsnip

## Onion

OIGNON 1 Oz. to 100 Feet of Drill  
Cebolla 4 to 5 Lbs. to the Acre  
Zwiebel

We Pay Postage on Pkts., Ozs.,  $\frac{1}{4}$  Lbs. and Lbs.

By sowing seed of the Spanish type, such as the Prizetaker, Southport Globes, Pearl or Queen and Bermuda Onions, under glass in January, February or even March, and transplanting in April to open ground 3 to 4 inches apart in the rows, bulbs of immense size may be produced.

214. **White Silver Skin Onion.** This superior stock is almost exclusively used for growing sets, which is the strongest proof that it is the best from which to grow large white Onions. Its delicate, mild flavor, stately form, large, handsome size, pure white color, make it a most wonderful variety for the table, the most profitable for market and shipping. Plants are of an extremely thin neck and sure to ripen early. Bulbs perfect in form, quite thick through, fine grained, crisp and mild. Bulbs should be harvested as soon as ripened and dried in the shade to preserve their silvery white skin. Pkts. 5c and 10c. Oz. 25c. 2 Ozs. 45c.  $\frac{1}{4}$  Lb. 75c.  $\frac{1}{2}$  Lb. \$1.35. Lb. \$2.50.

205. **Mammoth Prizetaker Onion. True American Seed.** Immense size, 12 to 18 inches in circumference, bright straw color, flesh white. Pkts. 5c and 10c. Oz. 20c.  $\frac{1}{4}$  Lb. 50c.  $\frac{1}{2}$  Lb. 95c. Lb. \$1.75.

344 $\frac{1}{2}$ . **Southport White Globe.** A large, globe-shape Onion; firm, fine grained, of mild flavor; keeps well. This is one of the bandomest Onions grown, of beautiful shape, clear white skin, and commands the highest market price. Pkts. 5c and 10c. Oz. 20c. 2 Ozs. 30c.  $\frac{1}{4}$  Lb. 55c.  $\frac{1}{2}$  Lb. \$1.05. Lb. \$1.85.

575. **Southport Large Yellow Globe.** Produces bulbs more perfectly globe-shaped and larger than Globe Danvers, but later in ripening; excellent keeper; easily grown from seed the first year, has a beautiful, pale, straw colored skin; heavy cropper, large size. Pkts. 5c and 10c. Oz. 20c. 2 Ozs. 30c.  $\frac{1}{4}$  Lb. 55c.  $\frac{1}{2}$  Lb. \$1.05. Lb. \$1.85.

576. **Southport Large Red Globe Onion.** Produces large, handsome, globe-shaped bulbs from the seed the first season; are excellent keepers; have glossy, purplish skin; mature little later than Red Wethersfields. Fine grained, mild and tender. Pkts. 5c and 10c. Oz. 20c.  $\frac{1}{4}$  Lb. 55c.  $\frac{1}{2}$  Lb. \$1.05. Lb. \$1.85.

536. **Bolgiano's Yellow Dutch or Strassburg.** Grows round, plump sets. Skin a bright attractive straw color. Full-sized Onions are flattened; mild flavor, excellent keepers and shippers. Very productive. Pkts. 5c and 10c. Oz. 20c. 2 Ozs. 30c.  $\frac{1}{4}$  Lb. 50c.  $\frac{1}{2}$  Lb. 95c. Lb. \$1.75.

206. **Yellow Globe Danvers Onion.** Bolgiano's True Stock. Handsome form, very thick bulb, small neck; very early, enormous cropper; keeps perfectly, of large size, solid and heavy; safest, surest keeper. Pkts. 5c and 10c. Oz. 20c.  $\frac{1}{4}$  Lb. 50c.  $\frac{1}{2}$  Lb. 95c. Lb. \$1.75.

212. **Red Wethersfield Onion.** The most beautiful, large, handsome, globe-shaped red Onion. Perfect form, skin deep, polished red; flesh purplish white; fine grained; produces enormous Onions. Pkts. 5c and 10c. Oz. 20c. 2 Ozs. 30c.  $\frac{1}{4}$  Lb. 50c.  $\frac{1}{2}$  Lb. 95c. Lb. \$1.75.

## Bermuda Onions—Genuine Teneriffe Grown

577. **White Bermuda Onion, Teneriffe.** It is oval in shape, of a white color; quite early, very solid, does not skin in transportation and keeps better than any other foreign variety. It is of a mild and delicate flavor. It produces full grown Onions from seed the same season. In the South, seed sown in the Fall will produce fine, large Onions for market in early Spring. Pkts. 5c and 10c. Oz. 25c. 2 Ozs. 40c.  $\frac{1}{4}$  Lb. 65c.  $\frac{1}{2}$  Lb. \$1.20. Lb. \$2.25.

578. **Crystal Wax-Onion, Teneriffe.** The newest and best, pure crystal, white wax Bermuda Onion that has ever been developed. Pkts. 5c and 10c. Oz. 25c. 2 Ozs. 50c.  $\frac{1}{4}$  Lb. 80c.  $\frac{1}{2}$  Lb. \$1.50. Lb. \$2.75.

579. **Red Bermuda Onion, Teneriffe.** Shape and size similar to white, differing only in color; a most desirable sort. Pkts. 5c and 10c. Oz. 20c. 2 Ozs. 35c.  $\frac{1}{4}$  Lb. 60c.  $\frac{1}{2}$  Lb. \$1.10. Lb. \$2.00.



## Onion Sets

Parcel Post Charges Extra and Must  
Be Included With Remittance

Prices given below are those ruling when this catalog goes to press and are subject to market changes. Write for Special Prices when ready to buy. We give a weight bushel of 32 pounds.

By mail, add 10c per quart. Plant in drills 12 inches apart, and 4 inches in the rows. Must have high culture. **White Silver Skin Onion Sets.** Grown from our choice strain of White Silver Skin or Portugal Onion Seed. Pt. 15c. Qt. 25c.  $\frac{1}{2}$  Pk. 70c. Pk. \$1.15. Bu. \$4.00.

**Large Red Wethersfield.** Choicest re-cleaned. Grown from seed of our celebrated strain of Red Wethersfield Onion. Pt. 15c. Qt. 25c.  $\frac{1}{2}$  Pk. 65c. Pk. \$1.00. Bu. \$3.50.

**Yellow Danver Onion Sets.** Choice re-cleaned. Grown from our choice strain of Yellow Strasburg or Dutch Onion Seed. They will produce handsome, well ripened bulbs of large size quite early in the Summer. Pt. 15c. Qt. 25c.  $\frac{1}{2}$  Pk. 65c. Pk. \$1.00. Bu. \$3.50.

**Japanese Onion Sets.** Finest keepers and big producers. Pt. 25c. Qt. 40c.  $\frac{1}{2}$  Pk. 75c. Pk. \$1.35. Bu. \$5.00.

One Ounce to 100 Feet of Drill  
5 to 6 Pounds for the Acre

## Parsnip

PANAIIS  
Chirija  
Patishten

We Pay Postage on Pkts.,  
Ozs.,  $\frac{1}{4}$  Lbs. and Lbs.

219. **Bolgiano's Hollow Hub Parsnip.** The very best of all Parsnips, it is unequalled. Pkt. 5c. Oz. 15c.  $\frac{1}{4}$  Lb. 45c.  $\frac{1}{2}$  Lb. 80c. Lb. \$1.50.

220. **Hollow Crown Sugar Parsnip.** Is fine grained, true hollow crown; has thick shoulders, tapers symmetrically to a single tap root. Are easily gathered; heavy croppers; roots run uniformly smooth, with fine-grained flesh, and good quality. Pkt. 5c. Oz. 15c.  $\frac{1}{4}$  Lb. 45c.  $\frac{1}{2}$  Lb. 70c. Lb. \$1.35.

569. **Guernsey.** (Improved Half Long.) A greatly improved strain. The roots do not grow as long as the Hollow Crown, but are of greater diameter and more easily gathered. A heavy cropper. The roots are very smooth; the flesh is fine grained and of most excellent quality. Pkt. 5c. Oz. 15c.  $\frac{1}{4}$  Lb. 45c.  $\frac{1}{2}$  Lb. 70c. Lb. \$1.35.



# Peas

INOCULATE  
THIS SEED  
SEE PAGE 54

## Garden Peas By Weight

1 pint is about 1 pound. 1 peck is about 15 pounds.  
1 quart is about 2 pounds. 1 bushel is about 60 pounds.

### WEIGHT BY PARCEL POST INCLUDING PACKING

Pint 2 lbs., Qt. 3 lbs., 4 qts. 9 lbs., pk. 17 lbs. Parcel post table—See Page 2.

We pay postage on 5c and 10c pkgs. only. Larger quantities, postage extra and must be included in remittance.

One quart will plant about 100 feet of drill. One and one-half to two bushels for an acre.

Those Marked with a Star (\*) are wrinkled marrows, and unless otherwise stated should be sown thicker than the round Peas, and not until the ground has become warm, as they are more liable to rot. They are the finest flavored of all Peas.

## Extra Early Dwarf Varieties

✓ 1048. "EARLY BIRD" Bolgiano's New Early Large Pod Pea. (Specialty, see page 8.) A very early, hardy, large podded, 2 to 2½-foot Pea. Can be pulled as early as Pilot with pods double the size. A robust grower, heavy cropper, 9 to 10 peas in a pod. Can be sown with safety as soon as the ground can be worked. Pkt. 10c. ½ Lb. 25c. Lb. 40c. 2 Lbs. 75c. 10 Lbs. \$3.50. 25 Lbs. \$8.00. 100 Lbs. \$30.00.

✓ 1218. "100 Per Cent Profit" Peas. Earlier, dwarfier, more prolific, more delicious than either the Gradus or the Thomas Laxton Pea. It is a wonder. Try it. Lb. 31c. 2 Lbs. 62c. 10 Lbs. \$2.80. 25 Lbs. \$6.75. 100 Lbs. \$25.00.

1261. Little Marvel Peas. Dwarf, even growth, 15 in. high. Heavily set with fine pods and frequently borne in pairs. Ready for table fully as early as American Wonder. Lb. 26c. 2 Lbs. 52c. 10 Lbs. \$2.30. 25 Lbs. \$5.50. 100 Lbs. \$20.00.

1081. \*American Wonder. It is of dwarf and robust habit, 10 to 15 inches high, and produces a profusion of good sized and well-filled pods of finest flavor. Pkt. 10c. Lb. 23c. 2 Lbs. 46c. 10 Lbs. \$2.00. 25 Lbs. \$4.75. 100 Lbs. \$17.00.

1084. \*Extra Early Premium Gem. Early, large, well-filled, straight pods. Height 1 foot. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. \$1.90. 25 Lbs. \$4.50. 100 Lbs. \$16.00.

1196. \*McLeon's Little Gem. Very early, prolific; delicious flavor. Height 1½ feet. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. \$1.90. 25 Lbs. \$4.50. 100 Lbs. \$16.00.

1080. \*Nott's Excelsior Pea. The very best, short vine, wrinkled, extra early Pea. Vines are more vigorous and taller than the American Wonder, and the pods are one-third larger, containing often 6 to 8 large Peas very close together, and for sweetness and quality has no equal. Height 1 foot. Pkt. 10c. Lb. 23c. 2 Lbs. 46c. 10 Lbs. \$2.00. 25 Lbs. \$4.75. 100 Lbs. \$17.00.

1203. \*Sutton's Excelsior. As early as American Wonder, with much larger pods and more prolific. Height 1 foot. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

Laxtonian Peas. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. \$2.30. 25 Lbs. \$5.50. 100 Lbs. \$20.00.

## Extra Early Varieties

✓ 1295. Bolgiano's "Morning Glory" Pea. New 1920 creation. The earliest of all round seeded varieties. Pkt. 10c. ½ Lb. 20c. Lb. 35c. 2 Lbs. 65c. 10 Lbs. \$3.00. 25 Lbs. \$6.75. 100 Lbs. \$25.00.

✓ 1289. Pilot Peas. As early as the best selected, small, smooth seeded extra earlies. Pods and Peas are nearly as large as those of the Gradus and produced three days earlier. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. \$2.30. 25 Lbs. \$5.50. 100 Lbs. \$20.00.

✓ 1087. New Long Podded Alaska Pea. We recommend this new Pea as the greatest money making Pea that has been introduced since we first put out the Wonder Worker Pea. Be sure to give it a trial. Height 2½ feet. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

✓ 1029. The Hustlers. Bolgiano's new, extremely early, handsome green podded Peas. Height 2½ feet. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. \$2.30. 25 Lbs. \$5.50. 100 Lbs. \$20.00.

✓ 1088. New Extremely Early Prolific Bolgiano's "GOOD LUCK" Peas. Crop very short this year. Height 2½ feet. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.10. 100 Lbs. \$18.00.

✓ 1071. Bolgiano's Extra Early Alaska Peas. By careful selection and thorough roguing we have a fine stock that is unequalled. Height 2½ feet. Pkt. 10c. Lb. 23c. 2 Lbs. 46c. 10 Lbs. \$2.00. 25 Lbs. \$4.75. 100 Lbs. \$17.00.

✓ 1070. Bolgiano's Extra Early Triumph Peas. Our standard market garden extra early Pea. Height 2½ feet. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. \$1.90. 25 Lbs. \$4.50. 100 Lbs. \$16.00.

✓ 1201. Pedigree Extra Early. Also known as "The New Early Pea." Extremely early, wonderfully productive and exceptionally uniform stock. Height 2½ feet. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. \$1.90. 25 Lbs. \$4.50. 100 Lbs. \$16.00.

✓ 1016. Ameer Peas. An exceptionally profitable Early Pea. Green seed. Height 2½ feet. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.



Bolgiano's  
"Good Luck"  
Peas

✓ 1082. Bolgiano's Extra Early Nonpareil Peas. Entire crop can be had at one picking. The beautiful green pods retain color and freshness longer than other sorts. Height 2½ feet. Pkt. 10c. Lb. 23c. 2 Lbs. 46c. 10 Lbs. \$2.00. 25 Lbs. \$4.75. 100 Lbs. \$17.00.

✓ 1260. Bountiful Peas. Bears an abundance of beautiful, green pods, crowded with delicious Peas. Extremely early. Height 2½ feet. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

✓ 1202. Prolific Early Market. Not quite so early as the Pedigree, but the most productive of all the Extra Early Peas. Beautiful large pods, fine quality, one of the best Peas ever introduced. Height 2½ feet. Pkt. 10c. Lb. 23c. 2 Lbs. 46c. 10 Lbs. \$2.00. 25 Lbs. \$4.75. 100 Lbs. \$17.00.

✓ 1073. Extra Early Morning Star Peas. Many of our largest customers use this Pea, and it gives satisfaction. Height 2½ feet. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. \$1.90. 25 Lbs. \$4.50. 100 Lbs. \$16.00.

✓ 1074. First and Best. First-class selected strain of extra early earlies. Height 2½ feet. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. \$1.90. 25 Lbs. \$4.50. 100 Lbs. \$16.00.

✓ 1200. Philadelphia Extra Early. Resembles the First and Best. Height 2½ feet. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. \$1.90. 25 Lbs. \$4.50. 100 Lbs. \$16.00.

✓ 1075. Rural New Yorker. Fine shape; prolific, extra early. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. \$1.90. 25 Lbs. \$4.50. 100 Lbs. \$16.00.

✓ 1072. \*Gradus, or Prosperity Peas. Gradus is in condition to pick about 4 days after our Early Triumph. The pods are large, well filled with deep green Peas of the finest quality. Height 3 feet. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. \$2.30. 25 Lbs. \$5.50. 100 Lbs. \$20.00.

✓ 1077. \*Improved Sugar Marrowfat Pea. Luxurious growth and abundant, large and handsome pods. Height 3 feet. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. \$1.90. 25 Lbs. \$4.50. 100 Lbs. \$16.00.

✓ 1078. \*Thomas Laxton. A cross between Gradus and one of the extra early sorts. It ripens within a day or two of the earliest round varieties. Height 1 foot. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. \$2.30. 25 Lbs. \$5.50. 100 Lbs. \$20.00.

✓ 1083. \*Bolgiano's Wonder Worker Pea. Earliest Extra Early Wrinkled Pea. Most profitable for growers. Pkt. 10c. Lb. 28c. 2 Lbs. 56c. 10 Lbs. \$2.50. 25 Lbs. \$6.00. 100 Lbs. \$22.00.

Peas Continued on Next Page



# Peas

INOCULATE  
THIS CROP  
SEE PAGE 54

## Second Early and General Crop Varieties

1277. \*Bolgiano's "New Victory" Pea. New 1920 creation. Beautiful dark green pods  $5\frac{1}{2}$  to 6 inches long, filled full of delicious large Peas. Pkt. 10c. Lb. 31c. 2 Lbs. 62c. 10 Lbs. \$2.80. 25 Lbs. \$6.75. 100 Lbs. \$25.00.

1089. \*Bolgiano's "CRACKER JACK" Pea. Height  $2\frac{1}{2}$  feet. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

1231. \*Horsford's Market Gardeners' Pea. One of the largest yielding second early Peas in cultivation. Only 2 feet high. The pods are borne in pairs. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. \$1.90. 25 Lbs. \$4.50. 100 Lbs. \$16.00.

1090. \*Dwarf Giant Podded Prolific Green Marrow Pea. Bears enormous, handsome pods 7 to 8 inches in length, filled with large deep green Peas; requires no support. Height 2 feet. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

1092. \*Shropshire Hero. Very productive; fine flavor; long pods. Height  $2\frac{1}{2}$  feet. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. \$2.30. 25 Lbs. \$5.50. 100 Lbs. \$20.00.

1093. \*Champion of England. A well-known, standard variety. Height 5 feet. Pkt. 10c. Lb. 23c. 2 Lbs. 46c. 10 Lbs. \$2.00. 25 Lbs. \$4.75. 100 Lbs. \$17.00.

1218½. \*Alderman. (Admiral Dewey.) Extra large, dark green pods, on order of Duke of Albany. Very fine. Height 4 feet. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. \$2.30. 25 Lbs. \$5.50. 100 Lbs. \$20.00.

1085. \*Telephone Improved. Robust habit. A single vine produces 18 to 30 unusually long well-filled pods of larger size, containing 10 to 12 Peas, often forming a double row, of fine flavor. Height 5 feet. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. \$2.30. 25 Lbs. \$5.50. 100 Lbs. \$20.00.

1301. \*Market Surprise. A little later than the Pedigree. Prolific yielder. Beautiful light green color. Pods about three inches long containing from seven to eight Peas of most delicious flavor. Excellent for market and shipping. Lb. 23c. 2 Lbs. 46c. 10 Lbs. \$2.00. 25 Lbs. \$4.75. 100 Lbs. \$17.00.

1302. \*Potlatch Peas. An excellent market garden Pea bearing an abundance of large pods filled full of delicious beautiful green Peas. Lb. 23c. 2 Lbs. 46c. 10 Lbs. \$2.00. 25 Lbs. \$4.75. 100 Lbs. \$17.00.

1102. \*Everbearing. A long time in bearing. Peas large, pods long,  $1\frac{1}{2}$  feet high. Pkt. 10c. Lb. 22c. 2 Lbs. 44c. 10 Lbs. \$1.90. 25 Lbs. \$4.50. 100 Lbs. \$16.00.

1086. \*Daisy, or Dwarf Telephone. Plants stout, self-supporting, heavy cropper. Height  $1\frac{1}{2}$  feet. Pkt. 10c. Lb. 28c. 2 Lbs. 56c. 10 Lbs. \$2.50. 25 Lbs. \$6.00. 100 Lbs. \$22.00.

1094. \*Dwarf Champion. A dwarf growing Champion of England. Height 2 feet. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

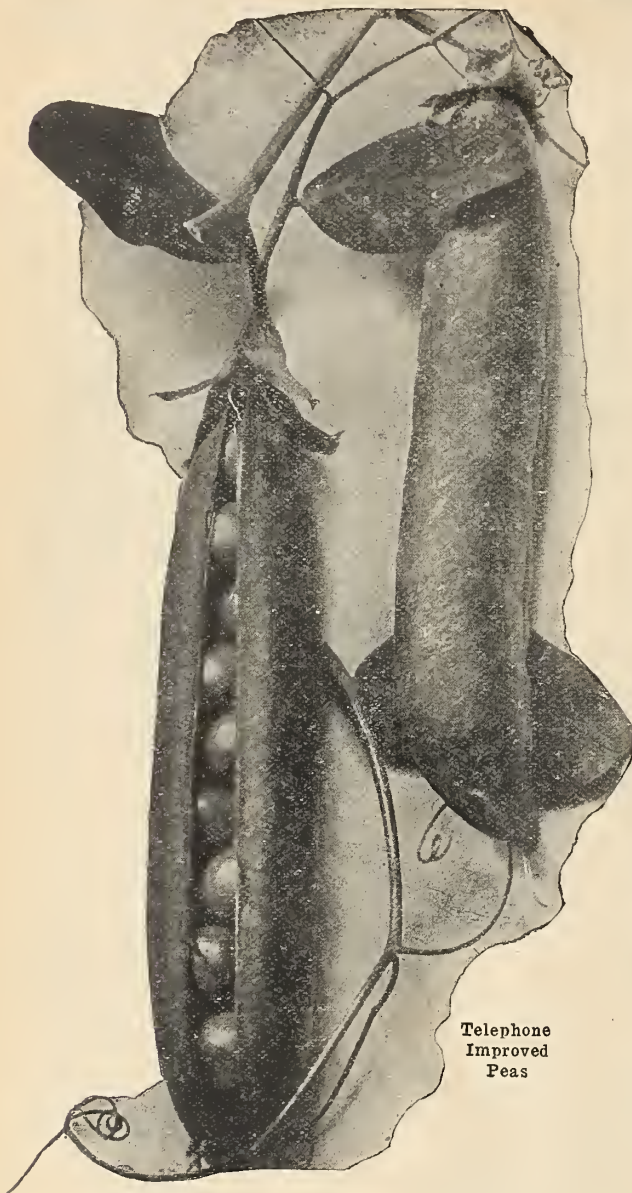
1098. \*Juno. 2 feet high. Large pods filled with large dark green Peas of delicious flavor. Pkt. 10c. Lb. 24c. 2 Lbs. 48c. 10 Lbs. \$2.10. 25 Lbs. \$5.00. 100 Lbs. \$18.00.

1100. \*Duke of Albany. 4 feet high. Dark green pods, prolific. Pkt. 10c. Lb. 26c. 2 Lbs. 52c. 10 Lbs. \$2.30. 25 Lbs. \$5.50. 100 Lbs. \$20.00.

1303. \*Edible Podded Mammoth Melting Sugar. The vines reach a height of about 4 feet. The pods are borne in great profusion. They should be gathered when the seeds are just beginning to form. They are broken in pieces the same as string beans and make a delicious dish. Pkt. 10c. Lb. 31c. 2 Lbs. 62c. 10 Lbs. \$2.80. 25 Lbs. \$6.75. 100 Lbs. \$25.00.

1199. \*Dwarf Gray Sugar. Grow 18 inches high and produce a heavy crop of small flat pods. The pods are gathered, broken and cooked like string beans when the peas begin to develop in the pod. Pkt. 10c. Lb. 28c. 2 Lbs. 56c. 10 Lbs. \$2.50. 25 Lbs. \$6.00. 100 Lbs. \$22.00.

1110. \*Stratagem. Very large pods. Peas of finest quality. Height  $1\frac{1}{2}$  feet. Pkt. 10c. Lb. 23c. 2 Lbs. 46c. 10 Lbs. \$2.00. 25 Lbs. \$4.75. 100 Lbs. \$17.00.



Telephone  
Improved  
Peas

Pkts., Ozs. and  $\frac{1}{4}$  Lbs.  
Delivered Free

## Pepper

PIMENT  
Pimiento  
Pepper

Parcel Post Rates,  
see Page 2

**Culture.** Sow in hotbeds in March, and when the soil has become warm, set in rows 2 feet apart and 18 inches in the row; hoe frequently; the plants may also be forwarded in small pots.

163. **Scarlet Mammoth, Bolgiano's New Early Pepper.** Much earlier and more prolific than the Chinese Giant. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 20c. Oz. 35c.  $\frac{1}{4}$  Lb. \$1.10.  $\frac{1}{2}$  Lb. \$2.00. Lb. \$3.75.

226. **Chinese Giant.** Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 20c. Oz. 35c.  $\frac{1}{4}$  Lb. \$1.10.  $\frac{1}{2}$  Lb. \$2.00. Lb. \$3.75.

396. **World Beater.** Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 20c. Oz. 35c. 2 Ozs. 60c.  $\frac{1}{4}$  Lb. \$1.10.  $\frac{1}{2}$  Lb. \$2.00. Lb. \$3.75.

233. **New Neapolitan.** Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 15c. Oz. 30c. 2 Ozs. 55c.  $\frac{1}{4}$  Lb. 85c.  $\frac{1}{2}$  Lb. \$1.60. Lb. \$3.00.

227. **Ruby King Peppers. Extra Selected Stock.** Recognized as one of the best Red-Peppers for market or family use. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 15c. Oz. 30c.  $\frac{1}{4}$  Lb. 85c.  $\frac{1}{2}$  Lb. \$1.60. Lb. \$3.00.

562. **Sweet Bull Nose.** Pkts. 5c and 10c. Oz. 30c.  $\frac{1}{4}$  Lb. 85c. Lb. \$3.00.

229. **Sweet Mountain.** Flesh very thick and mild. Pkts. 5c and 10c. Oz. 30c.  $\frac{1}{4}$  Lb. 85c. Lb. \$3.00.

560. **True Red Chili.** Not as long or thick as Cheyenne. Pkts. 5c and 10c. Oz. 30c.  $\frac{1}{4}$  Lb. \$1.00. Lb. \$3.50.

561. **Long Red Cheyenne.** For pickling. Pkts. 5c and 10c. Oz. 30c.  $\frac{1}{4}$  Lb. \$1.00. Lb. \$3.50.

563. **Red Cherry.** Pkts. 5c and 10c. Oz. 30c.  $\frac{1}{4}$  Lb. \$1.00. Lb. \$3.50.

485. **Pimiento Pepper.** Pkts. 5c and 10c. Oz. 30c.  $\frac{1}{4}$  Lb. 85c. Lb. \$3.00.



Bolgiano's Selected Ruby King Pepper



**Spray  
This Crop  
with  
Ryox**

# Northern Grown Seed Potatoes

POMME DE TERRE Patatas Kartoffeln

ALL POTATO PRICES SUBJECT TO  
CHANGE WITHOUT NOTICE

Bolgiano's  
Pure Stock  
Irish Cobbler  
Seed Potatoes

*Prices named below are based on the Potato Market at the time this catalog goes to press. We advise writing for prices when you are ready to buy, there no doubt will be a change. We answer all inquiries same day received.*

**Culture.** Any good, well drained, fibrous loam will produce Potatoes under right climatic conditions. Open furrows 3 feet apart and 3 to 4 inches deep. Apply the fertilizer, and run the furrower or small plow again in the furrow to mix the fertilizer with the soil and leave a mellow seed-bed. Then plant good-sized pieces, each containing not less than 2 or 3 eyes, 15 inches apart in the furrows for early Potatoes, and 18 inches apart for late ones. Cultivate often. Spray with Bordeaux Arsenate of Lead Mixture as a protection from flea beetle, Potato beetle and blight. 8 to 10 bushels will plant an acre.

**Trust Buster.** Bolgiano's Wonderful, New, Prodigious Yielding, Early Seed Potatoes. Pk. \$1.00. ½ Bu. \$1.75. Bu. \$3.25. Bbl. sack \$7.50.

**Plucky Baltimore.** The best and earliest Potato on earth. Without equal. Pk. \$1.00. ½ Bu. \$1.75. Bu. \$3.25. Bbl. sack \$7.50.

**Gray's Mortgage Lifter Seed Potato.** An enormous yielder, second early Potato with no culls. Pk. \$1.00. ½ Bu. \$1.75. Bu. \$3.25. Bbl. sack \$7.50.

**Red Bliss Triumph or Improved Red Bermuda.** One of the earliest varieties grown. Its great productiveness, handsome color and resistance to disease make it most popular. Pk. \$1.00. ½ Bu. \$1.85. Bu. \$3.35. Bbl. sack \$8.00.

**Ensign Bagley or White Rose.** An excellent cropper, smooth, not susceptible to disease. Pk. 90c. ½ Bu. \$1.60. Bu. \$3.00. Bbl. sack \$7.00.

**Early Round Six Weeks.** Ready for table in six weeks. Pk. 90c. ½ Bu. \$1.60. Bu. \$3.00. Bbl. sack \$7.00.

**Sir Walter Raleigh.** Big cropper, flesh white, superior quality, fine grained. Pk. 90c. ½ Bu. \$1.60. Bu. \$3.00. Bbl. sack \$7.00.

**Green Mountain.** A very popular main crop Potato. Pk. 90c. ½ Bu. \$1.60. Bu. \$3.00. Bbl. sack \$7.00.

**Bolgiano's Famous Prosperity Potato.** Yields fine crops of even, fine, smooth, large Potatoes under the most unfavorable circumstances. Flesh is as white as snow and cooks dry and mealy. Pk. \$1.00. ½ Bu. \$1.75. Bu. \$3.25. Bbl. sack \$7.50.

**Carmon No. 3.** Most successful of the Carmon's; heavy yielder. Pk. 90c. ½ Bu. \$1.60. Bu. \$3.00. Bbl. sack \$7.00.

**Maine Houlton Early Rose.** The genuine Early Rose still remains the standard early variety. Pk. 90c. ½ Bu. \$1.60. Bu. \$3.00. Bbl. sack \$7.00.

**Irish Cobbler.** It is a vigorous grower, ripens uniformly, and a good keeper. Pk. 90c. ½ Bu. \$1.60. Bu. \$3.00. Bbl. sack \$7.00.

**Rural New Yorker.** Second early, large, smooth, white, wide as long, very productive. Pk. 90c. ½ Bu. \$1.60. Bu. \$3.00. Bbl. sack \$7.00.

**Early Ohio.** One of the standard early varieties. Full week earlier than the Early Rose; shape oblong; quality dry, mealy. Pk. 90c. ½ Bu. \$1.60. Bu. \$3.00. Bbl. sack \$7.00.

**American Giants.** One of the most popular of the new heavy yielding Potatoes. Pk. 90c. ½ Bu. \$1.60. Bu. \$3.00. Bbl. sack \$7.00.

**McCormack Potatoes.** A very late, heavy yielding Potato, about the best of all Winter keepers. Pk. 90c. ½ Bu. \$1.60. Bu. \$3.00. Bbl. sack \$7.00.

**Burbank.** An old standard popular on account of its fine eating quality. Pk. 90c. ½ Bu. \$1.60. Bu. \$3.00. Bbl. sack \$7.00.

**Spalding No. 4, Extra Early Rose XX.** Earliest Rose Potato in the world, good cropper, fine appearance. Pk. 90c. ½ Bu. \$1.60. Bu. \$3.00. Bbl. sack \$7.00.



Gray's Mortgage  
Lifter Potatoes



# Radish

RADIS ET RADE  
Rabauos y Rabanitos  
Rabiez und Rettib

We Pay Postage on Pkts., Ozs.,  $\frac{1}{4}$  Lbs. and Lbs.

2 Ozs. to 100 Feet of Drill

**Culture.** Sow as soon as the ground is dry in the Spring, in rows 8 to 12 inches apart, every week or 10 days for succession, up to the middle of June, after which they are little used, unless a cool northern spot can be found where the ground is shaded during part of the day. They should be sown in light, rich soil, as a crisp Radish cannot be produced in heavy soils. Sow also in early Fall for late crops and Winter use. Sow 8 to 12 pounds to the acre. Radishes should be eaten when quite small; it is a mistake to let them grow too long and too large. This applies, particularly to Ruby King and small turnip-shaped sorts.



Tip Top White Tip Radish

509. **Prussian Globe Radish.** It is a GLOBE shape of a crimson color, short top and will stand forcing. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.

248. **Bolgiano's Solid Crimson King.** Double the size of the ordinary early turnip-shaped Radishes, this one often measuring 6 to 7 inches in circumference; the shape varies between round and oval; adapted for either open ground or forcing. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.

## Early Long Varieties

255. **Improved Early Long Scarlet Short Top.** The finest strain of the most popular Radish. The long, slender, handsome red roots are most attractive. They are ready in about 25 days. Crisp, brittle and of choicest quality. Length 5 to 6 inches. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 60c.

250. **Bolgiano's New Long Red Glass Radish.** Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 65c.

252. **Cincinnati Market.** A strain of the Long Scarlet, growing to slightly larger size, fully as early and darker in coloring. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 60c.

537. **Woods' Early Frame.** This is an extra early strain of the Long Scarlet Short Top, largely used for growing under glass. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 60c.

249. **White Pearl Forcing.** Bolgiano's Extra Early Long Radish. Sweet, crisp flavor, very popular and profitable. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 60c.

257. **New White Icicle Radish.** Introduced from Europe, is one of the finest and longest of the very early, pure white varieties. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 60c.

253. **Lady Finger or White Vienna.** Long white, very early, attractive. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 60c.

557. **Half Long Deep Scarlet.** Very popular in the New Orleans Market. The radishes are of slightly larger diameter and most brilliant scarlet coloring. Flesh purest white, crisp, juicy. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 60c.

## Extra Early Round Varieties

9. **Tip Top White Tip.** The beautiful New Extremely Early Radish. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 45c. Lb. 85c.

258. **Strawberry Radish.** This is the extremely early round Radish that attracted so much attention when we first introduced it by sample packages to our Market Garden customers. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 50c. Lb. 90c.

230. **Ruby King, Bolgiano's Extra Early Radish.** The best of all brilliant red Radishes. Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 55c. Lb. \$1.00.

238. **Bolgiano's Round Scarlet Globe Radish.** Rich, scarlet color, faultless shape, matures in 20 days. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 45c. Lb. 85c.

241. **Vick's Scarlet Globe Radish.** A leader among bright, round, red Radishes. Quick maturing, extremely attractive, short tops, solid and fine flavor. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c. Lb. 85c.

232. **Lexington Market Money Maker.** The best early, round, white, turnip Radish. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c. Lb. 75c.

240. **Crimson Giant Globe Radish.** Originator's Stock Seed. This is an entirely new variety, suitable for forcing or early outdoor planting. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 65c.

231. **Felton's Model or Philadelphia White Box Radish.** Handsome and early, with fewer short leaves, hence can be sown thickly in the row. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 65c.

239. **Scarlet Turnip White Tip Radish.** Round, bright scarlet, attractive, white tip, matures in 25 days. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.

538. **Rosy Gem.** Everybody wants this pretty, crisp, tasty little French Radish, so showy with its brilliant cardinal red, contrasted with its immaculate white. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c. Lb. 75c.

500. **Early Snowball.** Forcing White Turnip Radish. Earliest, round, white, solid. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c. Lb. 65c.

235. **French Breakfast Radish.** Quick growth, mild, tender, good for forcing. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c. Lb. 65c.

246. **Tait's Favorite Forcing Extra Early Radish.** For forcing under glass. It is also largely used for field culture. Perfect both in shape and color, the skin being a bright, transparent red, and many bunches may be put in a single package. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c. Lb. 65c.

370. **New Sparkler White Tip Red Radish.** Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.



Ruby King Radish





New White Strasburg Radish

## Radish

### Summer and Autumn Varieties

254. **New White Strasburg Radish.** The most popular Summer Radish; of oblong shape, tapering to a point. Skin and flesh are pure white, almost transparent; very tender, of a delightful pungent state. Pkts. 5c. and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.

243. **Large White Globe Summer.** Deliciously mild and sweet. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c. Lb. 60c.

244. **Giant White Stuttgart.** An immense white summer radish. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 60c.

247. **Chartier or Shepherd.** Long, crimson, tipped with white. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c. Lb. 60c.

### Winter Varieties

256. **New Short White Chinese Winter or Celestial Radish.** The best of all Winter Radishes. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 30c. Lb. 50c.

242. **Chinese Rose Winter.** Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 30c. Lb. 50c.

259. **Round White Spanish Winter.** Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 30c. Lb. 50c.

261. **Long White Spanish Winter.** Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 30c. Lb. 50c.

260. **New Winter Radish Osaka.** Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 30c. Lb. 50c.

263. **Long Black Spanish Winter.** Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 30c. Lb. 50c.

## Rhubarb or Pie Plant

The seed should be sown in a shallow drill, using 1 ounce to 150 feet of row. When well started, thin to stand 10 to 12 inches apart. The stalks should not be gathered until the plants have had a full season's growth.

**Myatt's Victoria.** The most popular variety; comes quite true from seed. Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 45c. Lb. \$1.50. Postpaid.

**Rhubarb Roots.** Roots listed below, if planted in good soil in the spring, will make a strong growth and yield stalks for market the following spring.

**2-Year-Old, Extra Large Fine Roots.** 25c each. 3 for 65c. Postpaid. By express, not prepaid: Doz. \$2.00. 100 roots, \$15.00.

## Spinach

EPINARD  
*Espinaca*  
Epinat

1104. **Curled Leaf Savoy or Bloomsdale, Imported.** We grow many thousands of pounds of both the American and Imported seed each year. We believe our private stock is the choicest it is possible to produce. We solicit your orders. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 15c.  $\frac{1}{2}$  Lb. 25c. Lb. 35c. 10 Lbs. at 30c Lb.

1105. **Curled Leaf Savoy or Bloomsdale. American Grown.** Large curled and wrinkled leaves, tender, finest flavor. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 15c. Lb. 40c. 10 Lbs. at 35c Lb.

1000. **Long Season Spinach.** This new variety is especially adapted for Summer sowing, as it remains in perfect condition a long time, before going to seed. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 15c.  $\frac{1}{2}$  Lb. 25c. Lb. 35c.

1108. **Long Standing, Thick-Leaved Spinach.** Leaves are large, thick, fleshy, and crumpled, fully equal to the Savoy Leaf. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 15c.  $\frac{1}{2}$  Lb. 25c. Lb. 35c.

1109. **Monstrous or Viroflay.** A valuable variety; has large, round, thick leaves. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 15c.  $\frac{1}{2}$  Lb. 25c. Lb. 35c.

1232. **New Triumph Spinach.** This excellent new Spinach is nearly double the size of the Victoria and has all of its good qualities. Very profitable for market gardeners and shippers. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 15c.  $\frac{1}{2}$  Lb. 25c. Lb. 40c.

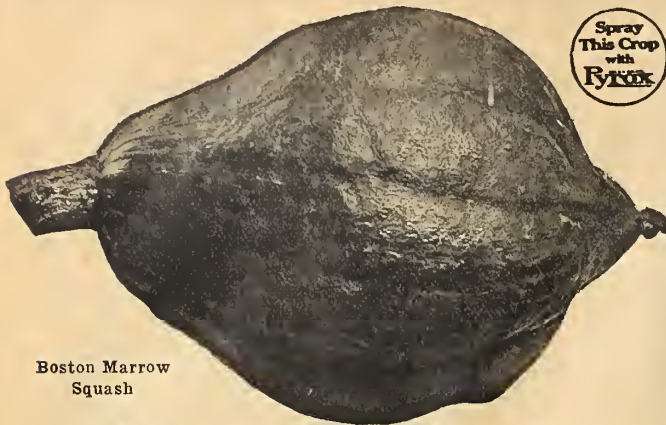
1262. **New Zealand Spinach.** This variety endures heat and drought; excellent for Summer use. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 60c.

1106. **New Improved Curled Long Standing.** The very best for Spring. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 15c.  $\frac{1}{2}$  Lb. 25c. Lb. 35c.

1107. **New Victoria Spinach.** The foliage is heavy, the broad, dark green leaves are of the finest quality. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 15c.  $\frac{1}{2}$  Lb. 25c. Lb. 35c.

Curled Leaf Savoy  
or Bloomsdale Spinach





Boston Marrow  
Squash



## Squash

COURGE  
Calabaz  
Spelje Kurbis

We Pay Postage on Pkts., Ozs.,  $\frac{1}{4}$  Lbs. and Lbs.

1 Oz. Bush Varieties for 40 Hills; Large Seeded Varieties, 15 Hills; 2 to 3 Lbs. Bush; 3 to 4 Lbs. Large Seeded per Acre

**Culture.** Sow in hills in the same manner and at the same time as Cucumbers and Melons, the bush varieties 3 to 4 feet apart, and the running kinds from 6 to 9 feet apart.

### Bush Varieties

329. **Fordhook Bush.** Early, sweet and dry, oblong, bright yellow, one of the handsomest and best keeping Winter varieties, also a good Summer sort. Pkt. 5c. Oz. 10c. 2 Ozs. 15c.  $\frac{1}{4}$  Lb. 25c. Lb. 75c.

269. **Golden Summer Crookneck Squash.** Of dwarf, bushy habit, very productive; skin yellow; flesh greenish-yellow color, dry and agreeable flavor. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.

265. **Extra White Bush Scalloped or Patty Pan Squash.** Good size, uniform, a heavy cropper, and early. The skin is white and the flesh fine grained and tender. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c. Lb. 75c.

267 $\frac{1}{2}$ . **Mammoth White Bush Scalloped.** Frequently 12 to 14 inches in diameter. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c. Lb. 75c.

585. **Cocozelle Bush.** Of compact bush growth, with dark green foliage; the fruits are oblong, 12 inches or more in length, and 4 to 5 inches in diameter. Skin dark green, with stripes of a still deeper shade. Pkt. 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 30c. Lb. \$1.00.

### Running Varieties

272. **Early Prolific Orange Marrow.** A very early, prolific Boston Marrow of most delicate flavor and uniform type. Suitable for Fall or Winter. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.

273. **Boston Marrow.** Oval, bright orange, flesh yellow. Our stock is exceptionally fine. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.

## Pumpkins

POTIRON  
Calabaza  
Große Kürbis

**Culture.** May be planted middle of Spring among Indian Corn or in field or garden, in hills 8 to 10 feet apart each way, 4 seeds in a hill; in other respects are cultivated in same manner as Melons and Cucumbers; avoid planting near other vines. 2 Lbs. to acre.

274. **Improved Winter Crookneck or Cushaw.** Mottled green and white; flesh is yellow, solid, fine grained and sweet; excellent for pies. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 30c.  $\frac{1}{2}$  Lb. 50c. Lb. 90c.

136. **Small Sugar Pumpkin.** Small orange colored, sweet. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c. Lb. 75c.

1058 $\frac{1}{2}$ . **Kentucky Large Field.** Flat, fine for Pumpkin pies, Winter, etc. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c. Lb. 50c.

225. **Sweet Potato Pumpkin.** Finest variety for table. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c. Lb. 60c.

365. **Winter Luxury.** A superior pie Pumpkin, small but enormously productive and an excellent keeper; shape slightly oval, about 10 inches in diameter, color golden-russet, finely netted; flesh deep golden, sweet and tender. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 70c.

102. **King of the Mammoth or True Potiron.** The Great Prize Pumpkin growing the largest of all, from 100 to 200 pounds in weight, bright yellow, tender, excellent. Pkt. 5c. Oz. 10c. 2 Ozs. 15c.  $\frac{1}{4}$  Lb. 20c. Lb. 60c.

364. **Golden Oblong Pumpkin.** Produces oblong, bright, orange colored fruits of good size, with rich colored flesh. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c. Lb. 75c.

1069. **Connecticut Field or Large Yellow Pumpkin.** Excellent for stock feeding. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c. Lb. 50c.

402. **New England Pie or Sugar Pumpkin.** A small, round sort; very sweet, fine grained and of the best quality. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 70c.

403. **Japanese Pie Pumpkin.** A large, crookneck sort. Skin green, striped yellow; flesh yellow and of fine quality. Pkts. 5c and 10c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.

89. **Large Cheese Pumpkin.** Forms flat like a cheese; a sure cropper and extensively grown for canning. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 60c.

## Salsify or Oyster Plant

SALSIFIS  
Ostion Vegetal  
Gajertourjel

1 Oz. to 100 Feet of Drill.  
10 to 12 Lbs. in Drills for an Acre.  
25 to 35 Lbs. Broadcast for an Acre.

Parcel Post Rates, see Page 2

**Culture.** Sow as early as the ground can be worked in the Spring, in drills 12 inches apart, 1 inch deep, and thin out to 6 inches to the row. Keep them free from weeds. Cultivate the same as Carrots and Parsnips. Sow 8 to 10 pounds to the acre. One ounce to 50 feet of drill.

275. **Bolgiano's New "Great Giant" Salsify.** The largest, purest and best Salsify to grow. Pkt. 5c. Oz. 15c.  $\frac{1}{4}$  Lb. 45c. Lb. \$1.50.

276. **Sandwich Mammoth White Salsify.** Superior in quality, pure white color, very meaty and fine flavor. Our stock unusually good, grows so large and shapely. Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 40c.  $\frac{1}{2}$  Lb. 70c. Lb. \$1.25.

504. **Large White.** Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 40c.  $\frac{1}{2}$  Lb. 70c. Lb. \$1.25.



Great  
Giant  
Salsify





Chalk's Early Jewel Tomato

## Tomato

We Pay Postage on Pkts., Ozs.,  $\frac{1}{4}$  Lbs. and Lbs.

French  
POMME D'AMOUR

German  
LIEBESAPFEL

Italian  
POMO D'ORO

Spanish  
TOMATE

**Culture.** Big crops can be had from a few Tomato Vines, not a garden should be without Tomato Plants. Well prepared soil is one of the secrets of growing good Tomatoes. First loosen the top soil 8 inches deep by turning it over same as a plow furrow, and before turning the top soil again, loosen the sub-soil 15 inches deep. Be careful not to turn the sub-soil to the top. If you are using a plow you should have a sub-soil plow to follow in the furrow of your top-soil plow. This is important as Tomatoes must have well drained soil to do their best, and the very best way to drain the soil is through the sub-soil. When the moisture is stored there, it will supply the plant with moisture during the long dry season that is likely to come.

Second. Seed that has been saved from selected stocks is very important to grow the kind of plants to set out. The seed should be sown in hotbeds or in the house March 1st. When the plants are 2 inches high transplant to 3 inch pots, as pot grown plants are the best. They are more prolific and will last longer when set out without disturbing the roots. The early varieties should be planted outdoors just as soon as danger of heavy frost is over, and cool nights should be protected by paper caps that can be easily made from old newspapers. There are several methods of handling the plant after they are planted out. Some plant 4 feet each way and allow the plants their own freedom, others plant 3 feet in rows and 18 inches in the row, and tie up to stakes. If this method is used the vine should be pruned to single stem. Well rotted manure worked through the soil will add to your yield. You cannot get the soil too rich for such varieties as the John Baer, Bolignano and the Glory. One ounce of seed to 3,000 plants.

### Red Tomatoes

460. The "Bolignano" Tomato. New 1920 Creation. (Specialty, see page 3.) The most wonderful yielder ever known. Two weeks earlier than the Earliana. First fruit as good as the prime of the season. A solid mass of red, meaty flesh. Skin tough, flesh tender and sweet. Stands long-distance shipping perfectly. Pkts. 10c and 25c.  $\frac{1}{2}$  Oz. 50c. Oz. 90c.  $\frac{1}{4}$  Lb. \$2.75.  $\frac{1}{2}$  Lb. \$5.15. Lb. \$10.00. Postpaid.

407. "Victory" Tomato. New 1920 Creation. Early, full of vim, new life and health, free from wilt, blight, disease, perfect shape, high crown fruit, entirely free from core, firm, solid and meaty, beautiful brilliant red color, perfectly smooth and even, mild, refreshing, delicious flavor. A marvelous yielder. Pkts. 10c and 25c.  $\frac{1}{2}$  Oz. 30c. Oz. 50c.  $\frac{1}{4}$  Lb. \$1.40.  $\frac{1}{2}$  Lb. \$2.65. Lb. \$5.00. Postpaid.

378. Bolignano's "Glory" Tomato. Outyields and outsells any Tomato on the market. The yield of "Glory" Tomato is marvelous. Produces at every joint large clusters of good size, smooth, firm, beautifully shaped fruits, uniform in shape, color and size. At times the vines are so full that they can hardly hold all the fruit that they produce. They ripen evenly and color up well. Keep vigorous and green until frost and are then full of fruit. Pkts. 10c and 25c.  $\frac{1}{2}$  Oz. 30c. Oz. 50c.  $\frac{1}{4}$  Lb. \$1.40.  $\frac{1}{2}$  Lb. \$2.65. Lb. \$5.00. Postpaid.

234. "John Baer" Tomato. (Specialty, see page 4.) "John Baer" Tomato produces perfect, solid, high crown, beautiful, brilliant red shipping Tomatoes. It is the earliest of the Earlies. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 30c. Oz. 50c. 2 Ozs. 80c.  $\frac{1}{4}$  Lb. \$1.40.  $\frac{1}{2}$  Lb. \$2.65. Lb. \$5.00. Postpaid.

420. "Baltimore Baer" Tomato. Beautifully shaped, perfect, high crown, free from core, firm, solid and heavy. A very heavy yielder. Early, free from wilt and blight. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 25c. Oz. 40c. 2 Ozs. 70c.  $\frac{1}{4}$  Lb. \$1.30.  $\frac{1}{2}$  Lb. \$2.40. Lb. \$4.50.

### Red Tomatoes

310. "Prosperity." The Wonder Among New Early Tomatoes. The earliest of all Tomatoes, a brilliant red, an enormous yielder. Grown and developed from single plant, selections covering a period of five years, filled full of strong, sturdy, healthy, new blood. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 30c. Oz. 50c. 2 Ozs. 80c.  $\frac{1}{4}$  Lb. \$1.40.  $\frac{1}{2}$  Lb. \$2.65. Lb. \$5.00.

277. I. X. L. Bolignano's Extremely Early Tomato. Earliest, largest most prolific. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 25c. Oz. 40c. 2 Ozs. 70c.  $\frac{1}{4}$  Lb. \$1.30.  $\frac{1}{2}$  Lb. \$2.40. Lb. \$4.50.

77. Maryland, My Maryland. A wonderful "Double Yielding" Tomato, entirely distinct, never before has there been a vegetable so remarkable. It is simply startling in its immense productiveness. (Specialty, see page 4.) Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 30c. 1 Oz. 50c. 2 Ozs. 80c.  $\frac{1}{4}$  Lb. \$1.40.  $\frac{1}{2}$  Lb. \$2.65. Lb. \$5.00.

279. Bolignano's "Greater Baltimore" Tomato. Selected Stock Seed. Makes a fine crop when all others fail. (Specialty, see page 4.) Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 25c. Oz. 40c. 2 Ozs. 70c.  $\frac{1}{4}$  Lb. \$1.30.  $\frac{1}{2}$  Lb. \$2.40. Lb. \$4.50.

311. Florida Special Tomato. (Specialty, see page 3.) Early, prolific, blight proof. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 25c. Oz. 40c. 2 Ozs. 70c.  $\frac{1}{4}$  Lb. \$1.30.  $\frac{1}{2}$  Lb. \$2.40. Lb. \$4.50.

287. Chalk's Early Jewel. Very fine new sort; large, solid, smooth, bright red; similar to the Stone, but early. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 25c. Oz. 40c. 2 Ozs. 70c.  $\frac{1}{4}$  Lb. \$1.30.  $\frac{1}{2}$  Lb. \$2.40. Lb. \$4.50.

286. Sparks' Earliana Tomato. It is remarkable for its earliness, very large size, handsome shape and bright red color. Its solidity and fine qualities are equal to the best medium and late sorts. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 20c. Oz. 35c. 2 Ozs. 65c.  $\frac{1}{4}$  Lb. \$1.15.  $\frac{1}{2}$  Lb. \$2.15. Lb. \$4.00.

284. Bolignano's Great B. B. Tomato. Used successfully for early and late crops. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 15c. Oz. 25c.  $\frac{1}{4}$  Lb. 75c.  $\frac{1}{2}$  Lb. \$1.35. Lb. \$2.50.





Bolgiano's Superior Stock New Stone Tomato

### Pink Tomatoes

280. **Bolgiano's Prizetaker Tomato.** If picked while yet green, it ripens gradually into a rich, glossy, crimson color, and this makes it one of the best shippers for early market. It is smooth, solid and heavy, and holds the size from the first to the last crop. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 15c. Oz. 25c. 2 Ozs. 40c.  $\frac{1}{4}$  Lb. 65c.  $\frac{1}{2}$  Lb. \$1.20. Lb. \$2.25.

289. **Dwarf Champion.** Dwarf, stiff habit, dark green foliage, scarcely needing any support. It is very early and wonderfully prolific. Color same as Acme. It is perfectly round and smooth, of medium size. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 20c. Oz. 35c. 2 Ozs. 60c.  $\frac{1}{4}$  Lb. \$1.10.  $\frac{1}{2}$  Lb. \$2.00. Lb. \$3.75.

281. **Redfield Beauty.** It is a vigorous grower, long and heavy yielder; fruit is perfect shape, with a skin that is hardy, making it an excellent shipper. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 15c. Oz. 25c. 2 Ozs. 50c.  $\frac{1}{4}$  Lb. 80c. Lb. \$2.75.

264. **Livingston's Globe.** This splendid Tomato is attracting a great deal of attention among Southern Shippers. As a Tomato for the early market, it will pay you to give it a trial. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 30c. Oz. 50c. 2 Ozs. 80c.  $\frac{1}{4}$  Lb. \$1.40.  $\frac{1}{2}$  Lb. \$2.65. Lb. \$5.00.

282. **Livingston's Beauty Tomato.** Large, smooth, dark pinkish red, thick flesh. Pkts. 5c and 10c. Oz. 25c.  $\frac{1}{4}$  Lb. 65c. Lb. \$2.25.

268. **June Pink Tomato.** This is the Pink Earliana Tomato, and where a Pink Tomato is in demand, this will be the earliest and most profitable to grow. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 25c. Oz. 40c. 2 Ozs. 70c.  $\frac{1}{4}$  Lb. \$1.30. Lb. \$4.50.

369. **Extra Selected Stock June Pink Tomato.** Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 30c. Oz. 50c. 2 Ozs. 80c.  $\frac{1}{4}$  Lb. \$1.40.  $\frac{1}{2}$  Lb. \$2.65. Lb. \$5.00.

291. **Improved Acme.** Very early, of medium size; perfectly smooth, very solid and a great bearer. Crimson color with a pinkish cast. Pkts. 5c and 10c. Oz. 25c.  $\frac{1}{4}$  Lb. 65c.  $\frac{1}{2}$  Lb. \$1.20. Lb. \$2.25.

303. **Crimson Cushion.** Very large, bright scarlet, fine flavor. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 20c. Oz. 35c.  $\frac{1}{4}$  Lb. \$1.15.  $\frac{1}{2}$  Lb. \$2.15. Lb. \$4.00.

### Yellow Tomatoes

382. **Golden Eagle Tomato.** Leader of all Yellow Tomatoes. Color a rich, transparent amber; fruit smooth, fine form and deliciously flavored. It is very attractive. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 20c. Oz. 35c. 2 Ozs. 65c.  $\frac{1}{4}$  Lb. \$1.15.  $\frac{1}{2}$  Lb. \$2.15. Lb. \$4.00.

383. **Yellow Pear-Shaped.** A pretty little Tomato, which is used largely for picking and preserving purposes; very prolific. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 20c. Oz. 35c.  $\frac{1}{4}$  Lb. \$1.15.  $\frac{1}{2}$  Lb. \$2.15. Lb. \$4.00.

385. **Yellow Plum-Shaped.** Little larger than the Pear-Shaped; deep yellow color, very popular for preserving. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 20c. Oz. 35c. 2 Ozs. 65c.  $\frac{1}{4}$  Lb. \$1.15.  $\frac{1}{2}$  Lb. \$2.15. Lb. \$4.00.

386. **Golden Queen Tomato.** Large, smooth and good, a great show Tomato at the County Fairs. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 20c. Oz. 35c. 2 Ozs. 60c.  $\frac{1}{4}$  Lb. \$1.10.  $\frac{1}{2}$  Lb. \$2.00. Lb. \$3.75.

390. **Red Cherry Tomato.** Attractive. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 20c. Oz. 35c.  $\frac{1}{4}$  Lb. \$1.15. Lb. \$4.00.

391. **Red Pear-Shaped Tomato.** Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 20c. Oz. 35c.  $\frac{1}{4}$  Lb. \$1.15. Lb. \$4.00.

392. **Red Plum Tomato.** Pkts. 5c and 10c. Oz. 35c.  $\frac{1}{4}$  Lb. \$1.15. Lb. \$4.00.

393. **Red Peach Tomato.** Pkts. 5c and 10c. Oz. 35c.  $\frac{1}{4}$  Lb. \$1.15. Lb. \$4.00.

## Tomato—Continued

We Pay Postage on Pkts., Ozs.,  $\frac{1}{4}$  Lbs. and Lbs.

### Red Tomatoes

572. **New Red Rock Tomato.** One of the finest, large, solid, smooth Tomatoes, of very fine, red color. A heavy producer and an excellent shipper. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 20c. Oz. 35c. 2 Ozs. 60c.  $\frac{1}{4}$  Lb. \$1.10.  $\frac{1}{2}$  Lb. \$2.00. Lb. \$3.75.

332. **Bonny Best Early Tomato.** This is a very early and very popular variety, quite as early as the best strains of Earliana Tomato; it is a vigorous grower, enormously prolific, with splendid foliage and of an intense velvety glowing scarlet color; ripens evenly all over and up to the stem. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 25c. Oz. 40c. 2 Ozs. 70c.  $\frac{1}{4}$  Lb. \$1.30.  $\frac{1}{2}$  Lb. \$2.40. Lb. \$4.50.

307. **New Stone Tomato, Selected Stock.** We have the truest, purest, cleanest stock, free from rust and blight, of this most valuable Tomato. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 15c. Oz. 25c. 2 Ozs. 40c.  $\frac{1}{4}$  Lb. 65c.  $\frac{1}{2}$  Lb. \$1.20. Lb. \$2.25.

379. **New Stone Tomato, Special.** Saved from the finest clusters of the Earliest Stem Set Fruit only. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 15c. Oz. 25c. 2 Ozs. 45c.  $\frac{1}{4}$  Lb. 75c.  $\frac{1}{2}$  Lb. \$1.35. Lb. \$2.50.

302. **Kelly Red, or Wade Tomato.** This splendid Red Tomato originated in Anne Arundel County, Md., and through its superior qualities it has become the Tomato most largely used in that section. It is large, meaty, an abundant yielder, and withstands unfavorable conditions remarkably well. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 20c. Oz. 35c. 2 Ozs. 65c.  $\frac{1}{4}$  Lb. \$1.15.  $\frac{1}{2}$  Lb. \$2.15. Lb. \$4.00.

288. **King of the Earlies Tomato.** Large and productive. Very early. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 20c. Oz. 35c.  $\frac{1}{4}$  Lb. \$1.15. Lb. \$4.00.

285. **New Matchless Tomato.** Vigorous, healthy vines are crowded with beautiful fruit of largest size and solidity. First-class shipper. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 15c. Oz. 25c. 2 Ozs. 40c.  $\frac{1}{4}$  Lb. 65c. Lb. \$2.25.

524. **Maul's Success Tomato.** Large, red, main crop. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 15c. Oz. 25c. 2 Ozs. 40c.  $\frac{1}{4}$  Lb. 65c. Lb. \$2.25.

312. **Livingston's Paragon.** Bright, red, round; very productive. Pkts. 5c and 10c. Oz. 25c.  $\frac{1}{4}$  Lb. 65c. Lb. \$2.25.

308. **Livingston's Favorite.** Large, Smooth, productive and a good shipper. Pkts. 5c and 10c. Oz. 25c.  $\frac{1}{4}$  Lb. 65c. Lb. \$2.25.

397. **The Wisdom Tomato.** Perfectly smooth, deep red, medium early. Uniform. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 25c. Oz. 40c. 2 Ozs. 70c.  $\frac{1}{4}$  Lb. \$1.30.  $\frac{1}{2}$  Lb. \$2.40. Lb. \$4.50.

309. **Perfection.** Early, regular and productive, reddish scarlet. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 15c. Oz. 25c. 2 Ozs. 40c.  $\frac{1}{4}$  Lb. 65c.  $\frac{1}{2}$  Lb. \$1.20. Lb. \$2.25.

347. **Ten Ton Tomato.** One of the heaviest yielding red Tomatoes. Pkts. 5c and 10c. Oz. 25c.  $\frac{1}{4}$  Lb. 65c. Lb. \$2.25.

300. **Trophy.** Very large, solid, extra selected; free from roughness of the old strains. Pkts. 5c and 10c. Oz. 25c.  $\frac{1}{4}$  Lb. 75c. Lb. \$2.50.

298. **Brinton's Best.** As a second early and late cropper it is a favorite with canners and truckers. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 15c. Oz. 25c. 2 Ozs. 40c.  $\frac{1}{4}$  Lb. 65c.  $\frac{1}{2}$  Lb. \$1.20. Lb. \$2.25.

285½. **World's Fair.** One of the heavier, solid fruited, large Tomatoes of good quality. Pkts. 5c and 10c. Oz. 25c.  $\frac{1}{4}$  Lb. 65c. Lb. \$2.25.

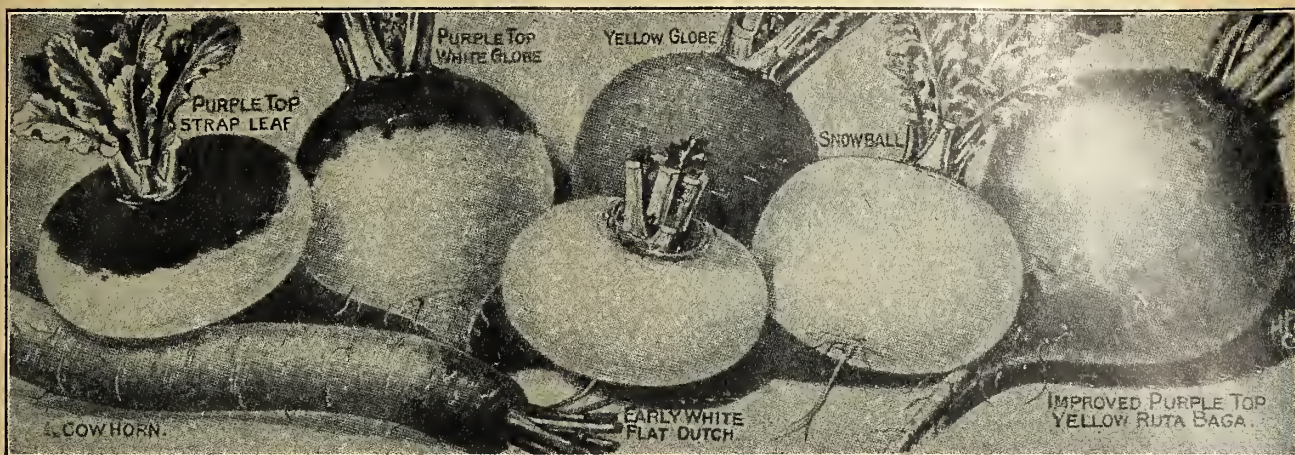
502. **Ponderosa.** Very large, heavy, smooth Tomato; very fine for home garden. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 20c. Oz. 35c.  $\frac{1}{4}$  Lb. \$1.40. Lb. \$3.75.

296. **Dwarf Stone Tomato.** Double size of Dwarf Champion, the Largest Fruited Upright Growing Variety in existence. Color same as Stone Tomato. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 15c. Oz. 25c. 2 Ozs. 40c.  $\frac{1}{4}$  Lb. 65c.  $\frac{1}{2}$  Lb. \$1.20. Lb. \$2.25.



Bolgiano's Reselected and Improved Stock Livingston's Globe Tomato




 French  
NAVET

 German  
WEISSE-RUBE

## Garden Turnips

 Italian  
NAVONE

 Spanish  
NABO

 We Pay Postage on Pkts., Ozs.,  $\frac{1}{4}$  Lbs. and Lbs.

**Culture.** The Turnips require a rich soil. When grown quickly they are more solid and tender and may be grown either as an early or late crop. For an early crop sow early in Spring soon as soil can be worked in drills 18 inches apart. Thin out to stand 3 inches apart. These will be ready for use before hot weather develops. Late Turnips are usually sown broadcast on land from which some early crop has been removed, during July or August. The roots need not be gathered until after several frosts. May be stored for Winter use in cellar or pits outside. Before storing the tops should be removed.

Ruta Baga are usually sown in June in drills 30 inches apart. Thin out to stand 6 inches apart in row.

**313. Red Top White Globe.** The handsomest and most salable Turnip. As a profitable sort for home or market it is unsurpassed. It is a large, rapid growing sort, with globular shaped roots. Flesh pure white. The skin is white and purple, the under portion being white and the top bright purple! (See illustration.) On account of its shape, it will outyield any other sort. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 60c. 5 Lbs. at 55c Lb.

**321. Southern Seven Top.** Hardest of all sorts, may be left standing in the open ground during Winter. In the Southern States it yields in the Spring abundant foliage for boiling with cured meats and is only desirable for this purpose. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 15c.  $\frac{1}{2}$  Lb. 25c. Lb. 40c. 5 Lbs. at 35c Lb.

**305. Extra Early White Milan.** Extra early, tender and delicately flavored; the bulb is of medium size, very handsome, smooth and of clear ivory-white both inside and out. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 45c. Lb. 85c.

**315. Extra Early Purple Top Milan.** Earliest Turnip in cultivation; a week sooner than any other. Flat, smooth, of medium size, with bright purple top and few leaves. Flesh white and choice. Adapted to Spring or Fall. A good keeper. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 45c. Lb. 85c.

**328. Large White Norfolk.** It is allowed to stand out during the Winter in the South. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c. Lb. 60c. 5 Lbs. at 55c Lb.

**325. Pomeranian White Globe.** Good either for table or stock. Very productive. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 30c. Lb. 50c. 5 Lbs. at 45c Lb.

**320. White Egg.** Oval or egg shape, handsome and sweet; flesh firm and sound-grained, thin and perfectly smooth skin of snowy whiteness. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c. 5 Lbs. at 70c Lb.

**323. Early White Flat Dutch.** Pure white, flat strap-leaf Turnip. Early, medium size, excellent quality for early Spring sowing. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c. 5 Lbs. at 70c Lb.

**316. Yellow Globe.** Yellow Globe is a wonderful cropper, and keeps far into the following year. It begins to bulb at the very start and forms large-sized roots and small tops. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 65c. 5 Lbs. at 60c Lb.

**324. Purple Top Yellow Aberdeen.** Medium size, round, flesh pale yellow, tender and sugary. The plant is hardy, productive and keeps well. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 65c. 5 Lbs. at 60c Lb.

**314. Early Red or Purple Top White Flat Strap-Leaf Turnip.** This is one of the best table Turnips on the market, being fine grained and of mild flavor. It is white below, with a bright purple top; flesh white, leaves short, narrow and erect. Will mature in 8 or 9 weeks. A good cropper and an excellent keeper. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c. Lb. 65c. 5 Lbs. at 60c Lb.

**530. Southern Prize or Dixie.** Makes large, round, white Turnips in addition to salad; hardy and needs no protection, the most popular Winter and Spring salad Turnip grown. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 15c.  $\frac{1}{2}$  Lb. 25c. Lb. 40c. 5 Lbs. at 35c Lb.

**159. White Top White Globe Strap-Leaf.** Of a perfect globe shape, about six inches in diameter, with smooth, all pure white skin; flesh snowy white, firm and crisp, and of quick growth. A good keeper and fine for market. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c. Lb. 65c. 5 Lbs. at 60c Lb.

**322. Large Amber Globe.** Flesh yellow, fine grained and sweet; hardy, keeps well, a good cropper. Very popular in the South. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 65c. 5 Lbs. at 60c Lb.

**319. Sweet German.** Should be sown a month earlier than flat Turnips. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c. Lb. 65c. 5 Lbs. at 60c Lb.

**326. Yellow Cow Horn.** A white Turnip of peculiar long shape and quick maturity. It grows to a large size, standing half out of the ground. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c. Lb. 50c. 5 Lbs. at 45c Lb.

**317. Golden Ball, Orange Jelly or Robertson's.** Flesh sweet and firm. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c. Lb. 65c. 5 Lbs. at 60c Lb.

**318. Yellow Stone.** Flesh crisp, tender, of fine quality. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 35c. Lb. 65c. 5 Lbs. at 60c Lb.

**434. Grey Stone Turnip.** Resembles the Purple Top White Globe. Meat white and tender. Top greyish red. Early and one of the first ready for the markets early in the Fall. Prices: Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 20c.  $\frac{1}{2}$  Lb. 30c. Lb. 50c. 5 Lbs. at 45c Lb.

### Ruta Baga

**327. Ruta Baga, Market Gardeners' Improved Purple Top.** Our Ruta Baga is select, yields enormous crops of handsome, large, solid, yellow-fleshed Turnips; is grown largely for cattle food; keeps over Winter till Spring in good condition. Get our splendid stock, and the crops will satisfy and remunerate you. It is also used as a table vegetable because of its sweetness. Pkt. 5c. Oz. 10c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c. 5 Lbs. at 70c Lb.

**446. Bolgiano's Perfect Model Ruta Baga.** Excellent variety for table use. Flesh golden; very sweet; not the least bit stringy or tough. Far superior to any of the other varieties and much nicer than the Swede Turnip. Solid and crisp until Spring. Never gets pethy. The kind that home gardeners and market gardeners will appreciate. Pkt. 5c. Oz. 10c. 2 Ozs. 15c.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 45c. Lb. 85c.



# Bolgiano's Dependable Flower Seeds for 1923

Selected Strains — Superior Quality

Packets 10c Each, 3 Packets 25c

Plain Culture Directions Printed on Each of Our Flower Seed Packets

We Pay Postage on Pkts., Ozs., ¼ Lbs. and Lbs.



Crego's Giant Comet Asters

## Crego's Giant Comet Asters

We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers five inches and over in diameter, resembling choice Japanese Chrysanthemums, and when cut they keep in good condition longer than any other type. The delightful flowers are borne in abundance from August until the end of September. We offer the following separate colors: 1. **Giant White**—Pure White. 2. **Giant Pink**—Delicate Shell Pink. 3. **Giant Crimson**—A Beautiful Crimson. 4. **Giant Lavender**—Deep Lavender. 5. **Giant Rose**—Rich Deep Rose. 6. **Giant Purple**—Bright Purple. 7. **Giant Blue**—Deep Dark Blue. 8. **Giant Yellow**—Sulphur Yellow. Pkts. 5c, 10c and 25c. ¼ Oz. 35c. Oz. \$1.25. Seven 5c pkts., including all colors, for 25c. 9. **Crego's Mixed**. Pkts. 5c, 10c and 25c. ¼ Oz. 30c. Oz. \$1.00.

**Truffant's Peony Flowered Perfection Aster.** For mid-season flowering we recommend these beautiful Asters; they are stiffly erect or upright in growth, averaging 2 feet, produce fine, large double flowers.

10. **Snow White**. Pkts. 5c, 10c and 25c. ¼ Oz. 45c. Oz. \$1.50.
11. **Darkest Blue**. Pkts. 5c, 10c and 25c. ¼ Oz. 45c. Oz. \$1.50.
12. **Glowing Dark Crimson**. Pkts. 5c, 10c and 25c. ¼ Oz. 45c. Oz. \$1.50.
13. **Light Red**. Pkts. 5c, 10c and 25c. ¼ Oz. 45c. Oz. \$1.50.
14. **Light Blue**. Pkts. 5c, 10c and 25c. ¼ Oz. 45c. Oz. \$1.50.
15. **Mixed Varieties**. Pkts. 5c, 10c and 25c. ¼ Oz. 45c. Oz. \$1.25.

## Bolgiano's Giant Comet Asters

These are earliest to produce fine, large, Chrysanthemum-like flowers; the plants grow 2 feet high and have fine, long stems.

16. **White Extra Fine**. Pkts. 5c, 10c and 25c. ¼ Oz. 45c. Oz. \$1.50.
17. **The Bride**. White. Pkts. 5c, 10c and 25c. ¼ Oz. 45c. Oz. \$1.50.
18. **Light Yellow**. Pkts. 5c, 10c and 25c. ¼ Oz. 45c. Oz. \$1.50.
19. **Rose**. Pkts. 5c, 10c and 25c. ¼ Oz. 50c. Oz. \$1.50.
20. **Light Blue**. Pkts. 5c, 10c and 25c. ¼ Oz. 45c. Oz. \$1.50.
21. **Azure Blue**. Pkts. 5c, 10c and 25c. ¼ Oz. 45c. Oz. \$1.50.
22. **Dark Violets**. Pkts. 5c, 10c and 25c. ¼ Oz. 45c. Oz. \$1.50.
23. **Mixed**. Pkts. 5c, 10c and 25c. ¼ Oz. 35c. Oz. \$1.25.

**Bolgiano's Giant Stock of Semples, Branching Asters.** These grow 2 to 3 feet high and branch very freely, the flowers being of the largest size (2½ to 4 inches across) and each furnished with a long, stiff stem, rivaling the Chrysanthemum both in size of flower and length of stem. They furnish the largest supply of Asters.

24. **White**. Pkts. 5c and 10c. ¼ Oz. 30c. Oz. \$1.00.
25. **Lavender**. Azure Blue. Pkts. 5c, 10c and 25c. ¼ Oz. 30c. Oz. \$1.00.
26. **Shell Pink**. Pkts. 5c and 10c. ¼ Oz. 30c. Oz. \$1.00.
27. **Flesh Pink**. Pkts. 5c and 10c. ¼ Oz. 30c. Oz. \$1.00.
28. **Crimson**. Pkts. 5c and 10c. ¼ Oz. 30c. Oz. \$1.00.
29. **Rose**. Pkts. 5c and 10c. ¼ Oz. 30c. Oz. \$1.00.
30. **Indigo Blue**. Pkts. 5c and 10c. ¼ Oz. 30c. Oz. \$1.00.
31. **Purple**. Pkts. 5c and 10c. ¼ Oz. 30c. Oz. \$1.00.
32. **Mixed**. Pkts. 5c and 10c. ¼ Oz. 25c. Oz. 90c.
33. **Queen of the Market Asters**. Mixed. Pkts. 5c and 10c. ¼ Oz. 30c. Oz. \$1.00.

34. **Purple**. Pkts. 5c, 10c and 25c. ¼ Oz. 35c. Oz. \$1.25.
35. **White**. Pkts. 5c, 10c and 25c. ¼ Oz. 35c. Oz. \$1.25.
36. **Pink**. Pkts. 5c, 10c and 25c. ¼ Oz. 35c. Oz. \$1.25.
37. **Crimson**. Pkts. 5c, 10c and 25c. ¼ Oz. 35c. Oz. \$1.25.
38. **Aster, European Quilled**. Rose-pink flowers with quilled centers. Various colored petals in gorgeous mixture. Pkts. 5c and 10c. ¼ Oz. 30c. Oz. \$1.00.

39. **Abutilon**. Flowering Maple. Elegant flowering perennial shrubs of strong growth and easy cultivation, free flowering with various colored beautiful drooping flowers. Considered indispensable for flowering indoors during the Winter and Spring months and useful for bedding out in the Summer. Pkts. 5c, 10c and 25c.

40. **Acroclium**. A pretty annual "Everlasting," growing about 15 inches high, bearing lovely white or rosy-pink flowers, which, when cut in the bud state, can be dried and used in Winter bouquets. A nice thing to grow in a mixed border aside from its use as an everlasting. Double mixed. Pkts. 5c and 10c. Oz. 20c.

41. **Amaranthus**. Candatus. Love Lies Bleeding. Rapid growing garden annual, with long, drooping, crimson flowering spikes, 3 to 5 inches high. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c.

42. **Amaranthus**. Tri-color. Joseph's Coat. Showy annual foliage plant for gardens; leaves red, yellow, green, etc.; 3 feet. Pkts. 5c and 10c. ¼ Oz. 15c. Oz. 50c.

43. **Ageratum**. Dwarf Mixed. One of the best Summer-blooming plants. They are rapid growers and constant bloomers. During the hot, dry Summer months their bright flowers are produced in the greatest profusion of charming blue or white flowers. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 35c.

44. **Agrostemma**. Rose of Heaven. Coronaria. An attractive-free-flowering, hardy perennial of easy culture, producing glowing crimson flowers like a single pink and silver-white foliage; blooms the first season; fine for cutting; 2 feet. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c.

45. **Alyssum**. Sweet. Little Gem. A beautiful white variety of Sweet Alyssum, especially adapted to edging borders and rock work. The plants grow about 6 inches, produce hundreds of flowers and form a mass of blooms 15 to 18 inches in diameter. Hardy annual. Pkts. 5c and 10c. Oz. 50c. 4 Ozs. \$1.50.

46. **Alyssum**. Saxatile. Flowers golden-yellow; desirable for rock work. Showy in masses. Hardy perennial. Pkts. 5c, 10c and 25c. Oz. 45c.

47. **Anchusa**. Italica Dropmore. One of the best hardy perennials and becoming more popular each season, grows 3 to 5 feet high, and bears in abundance flowers of the richest gentian-blue during May and June. Pkts. 5c and 10c. ¼ Oz. 25c. Oz. 90c.

48. **Anemone**. St. Brigid. Windflower. A very pleasing perennial, producing large, Irish Poppy flowers; few plants compare with them in beauty; fine for bouquets. Sow outdoors in Spring, keeping shaded till the plants appear. Pkts. 5c, 10c and 25c. ¼ Oz. 50c.

49. **Antirrhinum**. Snap Dragon. Beautiful spikes of gaily colored flowers. They are one of the best cut flowers which can be grown from seed. While for beds or borders they are a pleasure, being in flower all the time if placed in a sunny position. Tall mixed. Pkts. 5c and 10c. ¼ Oz. 25c. Oz. 75c.

50. **Tom Thumb**—Dwarf Mixed. Pkts. 5c, 10c and 25c. ¼ Oz. 50c.

51. **Asparagus**. Sprengeri. Emerald Feather. One of the best plants to grow in suspended baskets, window boxes, bases, etc., for the greenhouses in Winter and outdoors in the Summer. Pkts. 5c, 10c and 25c. ¼ Oz. 35c. Oz. \$1.25.



Bolgiano's Giant Comet Asters





Canterbury Bells

75. **Chrysanthemum.** Perennial. (Japonicum fl. Pleno. Japanese Mixed.) Hardy plants for permanent borders and gardens, compact bushes 1½ to 2 feet, splendid cut flowers, has long stems. Pkts. 5c, 10c and 25c.
76. **Cineraria.** Hybrid Grandiflora. Choicest mixed for the window box. Conservatory; large flowers from 2 to 3 inches across, various colors borne in profusion in the Spring. Pkts. 10c, 25c and 50c.
77. **Clematis.** Paniculata. Well-known hardy perennial climber, fine for covering arbors, verandas, etc., as they cling to almost any object. Glossy green foliage and white star-shaped flowers practically cover the entire vine. Pkts. 5c and 10c. ½ Oz. 25c. Oz. 40c.
78. **Coboea.** Scandens. A fine, rapid-growing climber with handsome foliage and large bell-shaped purple flowers; the plant will run about 30 feet in season. Pkts. 5c, 10c and 25c. ½ Oz. 35c. Oz. 60c.

### 79 Coix Lachrymae (Job's Tears)

A strong, broad leaved ornamental grass, with large shining, pearly seeds; annual; 2 to 3 feet. Seed is frequently used as an old fashioned remedy for sore throat, goiter and teething babies. It is strung on a linen string and worn around the neck. Pkts. 5c. Oz. 10c. ¼ Lb. 15c. Lb. 50c.

80. **Coleus.** The showy plants are grown for their brilliant foliage, which forms the bases of the ribbon beds of foliage plants in the parks and lawns. The colors range from light to dark red leaves, are very finely marbled and spotted. Pkts. 10c, 25c and 50c.

81. **Convolvulus Minor**, or Dwarf Morning Glory. Fine bushy plants, 12 inches high by 2 feet in diameter, bearing profusely beautiful mixed colors. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 35c. ½ Lb. 50c. Lb. 90c.

82. **Coreopsis.** Lancelota Grandiflora. Harvest Moon. One of the finest, hardiest garden plants grown, forming bushes 2 to 3 feet high bearing quantities of long stemmed, large, single, yellow flowers throughout the Summer. Pkts. 5c, 10c and 15c. ½ Oz. 25c. Oz. 40c.

### Cosmos

One of our finest Fall flowers. A vigorous, tall-growing annual. It is most effective when planted in masses or along back-ground borders against evergreen or fences. We offer only the choice large flowering strains. Sow seeds outdoors early in May, but to get early flowering plants, sow indoors in March or April and transplant outdoors when large enough.

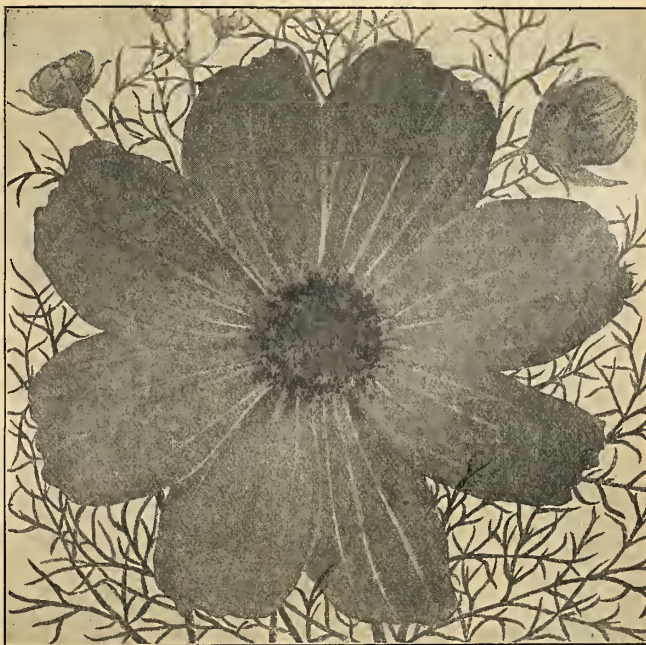
83. **Cosmos.** Mammoth. A very effective Autumn flowering plant, hardy and rapid growing, forming bush-like plants 5 to 8 feet high and covered with large, single, Dahlia-like flowers. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 50c. ½ Lb. 90c. Lb. \$1.50.

### Bolgiano's Extra Early Giant Flowering Cosmos

The earliest strain of Cosmos in cultivation which has been placed in a class by itself. The plants grow about 4 feet high, are bushy and branch freely and begin to bloom in July with Giant Blossoms, measuring 4 to 5 inches across, and continue until frost. The largest and most beautiful of all Cosmos. From seed sown in the open ground this strain will bloom in 65 days.

- Pkts. ½ Oz. 1 Oz. Pkts. ½ Oz. 1 Oz.
84. Crimson .5c 10c 25c 45c 86. Pure White .5c 10c 25c 45c
85. Pink .5c 10c 25c 45c 87. Mixed .5c 10c 20c 35c
88. **Cyclamen.** Persicum. Giant double flowers, finest mixed colors. Pkts. 5c, 10c and 25c.
89. **Cypress Vine.** Scarlet. Very deep scarlet flowers. Pkts. 5c, 10c and 25c. Oz. 30c.
90. **Cypress Vine.** White. Clear paper white flowers. Pkts. 5c, 10c and 25c. Oz. 30c.

91. **Cypress Vine.** Mixed. For training on trellises the Cypress Vine cannot be excelled. It has a profusion of scarlet and white star-shaped blossoms, and its finely cut foliage is particularly adapted to ornamental work. Pkts. 5c, 10c and 25c. Oz. 35c.
92. **Balloon Vine.** Love in a Puff. A rapid growing, annual climber, succeeds best in light soil and warm situation; flowers white, seed vessels look like miniature balloons. Pkts. 5c and 10c. Oz. 20c.
93. **Balsam, or Lady Slipper.** These are very beautiful for borders; the plants make perfect little bushes with flowers that are double; the colors are very pretty and pleasing. Pkts. 5c and 10c. ¼ Oz. 15c. Oz. 50c.
94. **Balsam Apple.** Momordica Balsemima. Annual climber, 15 feet high, bearing ornamental orange flowers, with red interior; used largely for medicinal purposes; also a most excellent foliage vine. Pkts. 5c and 10c. ¼ Oz. 20c. Oz. 35c.
95. **Bartonia.** Golden Bartonia. Aurea. Producing showy, golden-yellow flowers, fragrant at night, above its gray and downy, thistle-like foliage, which is exceedingly brilliant in the sunshine. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 35c.
96. **Begonia.** Tuberous Rooted. The plants are of robust, compact habits, dark green foliage, and brilliant double cinnabar-scarlet flowers. Single splendid mixed. Pkts. 5c, 10c and 25c.
97. **Bellis Perennis.** Double Daisy. A large growing, Spring flowering plant, a companion to the Pansy and Forget-Me-Not. Pkts. 5c and 10c. ¼ Oz. 25c. ½ Oz. 40c. Oz. \$1.50.
98. **Brachycome.** Swan River Daisy. Free-flowering, dwarf-growing annuals; suitable for edgings, small beds or pot culture; 9 inches. Pkts. 5c, 10c and 25c. ½ Oz. 30c. Oz. 50c.
99. **Calendula.** Pot Marigold. A perpetual bloomer; the flowers are oriental in color and exhibit every shade of yellow from ivory to deepest orange. Makes good cut flowers. Double mixed. Pkts. 5c and 10c. Oz. 15c.
100. **Calliopsis.** Showy garden annual, 1 to 2 feet high; producing profusely large flowers of brilliant shades, ranging from canary to orange-red and maroon. All the choice sorts mixed. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c.
101. **Canterbury Bell.** Campanula Medium. Handsome, hardy biennial of stately growth, rich color and profuse bloom. Has large bell-shaped flowers, are effective in various colors. Height two to four feet. Finest mixed—all colors of the cup and saucer type. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 35c.
102. **Candytuft.** White. The finest of all the white varieties, being a complete mass of pure white flowers, in bloom throughout the season. Grows 12 inches high. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c.
103. **Candytuft.** Mixed. Most excellent mixture, rose, crimson, white, purple, etc. Bushy plants 12 inches high growing large umbels of flowers. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c.
104. **Canary Bird Vine.** A rapid-growing Summer climbing annual, growing 10 to 15 feet high. It will cover trellis work in the most graceful manner, producing hundreds of its pretty fringed bright yellow flowers, which resemble a canary bird with expanded wings. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c.
105. **Canna.** Giant-flowered, mixed. Pierce the seed in one spot with a file and soak in lukewarm water for 24 hours before sowing. Pkts. 5c and 10c. Oz. 25c.
106. **Cardinal Climber.** (Ipomoea cardinalis.) The vines attain a height of 20 to 30 feet. The leaves are deeply lacinated, resembling those of a fine Japanese maple. The plants bear countless numbers of small, glowing scarlet flowers. Pkts. 5c, 10c and 25c.
107. **Carnation.** Marguerite. The plants of this wonderfully fine strain may be made to bloom in 12 weeks. The flowers are large, double, very fragrant and appear in very attractive shades of color. Pkts. 5c, 10c and 25c. ¼ Oz. 30c. Oz. \$1.00.
108. **Celosia.** Cockscorn. This beautiful dwarf plant has dark green leaves and forms immense coxcomb-like heads; ostrich plumes, etc. Pkts. 5c and 10c. ¼ Oz. 25c. Oz. 75c.
109. **Centaurea.** Sweet Sultan. The newest sort, 2 or 3 feet high with large flowers 3 to 4 inches across, varieties of colors and shades, large fragrant flowers, excellent for cutting. Pkts. 5c and 10c. ½ Oz. 25c. Oz. 40c.
110. **Centaurea.** Corn-flower, or Bachelor's Button. Showy, hardy, border plants about 2 feet high and bearing freely during the Summer, corn-flower-like heads of bloom. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c.
111. **Centaurea.** Candidissima. Dusty Miller. White foliage used for bedding, edging, vases, etc. Pkts. 5c, 10c and 25c.
112. **Chrysanthemum.** Single and double mixed. Most gorgeous and prettiest varieties; annual; free Summer blooming garden flower, 1 to 1½ feet high. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 35c.
113. Single Mixed Pkts. 5c and 10c. ½ Oz. 20c. Oz. 30c.
114. Double Mixed Pkts. 5c and 10c. ½ Oz. 20c. Oz. 30c.



Bolgiano's Extra Early Giant Flowering Cosmos





**Dianthus, Hardy Garden or Grass Pinks**

92. **Dahlia.** Extremely large flowers. Double mixed. Although perennial these will flower the first season if sown early. 4 to 6 feet. Pkts. 5c, 10c and 25c.  $\frac{1}{4}$  Oz. 40c. Oz. \$1.50.

93. **Delphinium.** Hardy perennial Larkspur. Double and single hybrid. Finest mixed colors. Among our best plants for mixed borders, producing spikes of flowers. Pkts. 5c, 10c and 25c.  $\frac{1}{4}$  Oz. 30c. Oz. \$1.00.

94. **Dianthus.** Double annual. China Pinks. They form bushy dwarf plants about 1 foot high, producing freely all Summer long, flowers of most brilliant colors. One of our most effective garden plants. Pkts. 5c, 10c and 25c. Oz. 60c.

95. **Dianthus.** Hardy perennial Pinks. Pheasant's Eye Pink. Bush plants of large fragrant blossoms. Pkts. 5c, 10c and 25c. Oz. 75c.

96. **Dianthus.** Double Hardy Dwarf Grass Pinks. An improved type of the old-fashioned pinks of dwarf, sturdy growth, with large, double fringed fragrant flowers of various colors. Pkts. 5c, 10c and 25c. Oz. 75c.

97. **Digitalis.** Fox Glove. Finest mixed colors. Hardy perennial of easy culture, producing long spikes of tubular flowers of various colors. 3 to 5 feet. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 25c. Oz. 40c.

98. **Eschscholtzia.** California Poppy. Mixed Popular garden annuals of easy culture. Forming bushy plants about 1 foot high, bearing large saucer-shape flowers. Pkts. 5c and 10c. Oz. 15c.

99. **Euphorbia.** Variegata. Snow on the Mountain. Strong-growing annuals, suitable for beds of tall-growing plants or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental. Attractive foliage; veined and margined with white; 2 feet. Pkts. 5c and 10c. Oz. 25c.

100. **Gaillardia.** Grandiflora. Mexican Blanket Flower. Hardy perennial. Large, gay colored, double flowers. Useful for cutting. The colors brilliant golden-yellow, crimson, orange, amaranth and claret. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 15c. Oz. 25c.

101. **Geraniums.** Scarlet or Zonale. Well known plant for garden or plot culture. Flowering from seed the first season if sown early. Brilliant scarlet flowers. Pkts. 5c, 10c and 25c.

102. **Godetia.** Satin Flower. A most attractive bushy little annual plant with bright flowers opening in the morning and closing at evening; very effective in gardens; not serviceable as a cut flower; height, 15 inches. Choice mixed. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 30c. Oz. 50c.

## Gourds

Annual climbers. Rapid growers. Twenty to twenty-five feet high, bearing ornamental fruit in most peculiar shapes. Very suitable for covering arbors, fences and trellises.

103. **Apple Shaped.** Pkts. 5c and 10c. Oz. 25c.

104. **Bottle.** Pkts. 5c and 10c. Oz. 25c.

105. **Calabash or Pipe Gourd.** Pkts. 5c and 10c. Oz. 25c.

106. **Dipper.** Used by the natives in tropical countries as dippers. Pkts. 5c and 10c. Oz. 25c.

107. **Dish-Rag.** Pkts. 5c and 10c. Oz. 25c.

108. **Hercules Club.** Long white. Pkts. 5c and 10c. Oz. 25c.

109. **Mock Orange.** Pkts. 5c and 10c. Oz. 25c.

110. **Pear Shaped.** Pkts. 5c and 10c. Oz. 25c.

111. **Sugar Trough.** Used as water holders. Pkts. 5c and 10c. Oz. 25c.

112. Mixed from named varieties. Pkts. 5c and 10c. Oz. 20c.

113. **Gypsophila.** 2 feet. Elegans Grandiflora Alba. Angel's Breath. Graceful plants of light fairy-like growth. Much in demand for cutting and combining with other flowers for bouquets and vases. This is an improved, large-flowering, pure white, of free, easy growth. Pkts. 5c and 10c. Oz. 20c.

114. **Helichrysum.** Straw Flower. Large flower, double, finest mixed colors. Annual. 1 to 2 feet high. Double everlasting flowers, in shades of yellow, white, red, dark blue, etc. Pkts. 5c, 10c and 25c.  $\frac{1}{2}$  Oz. 30c. Oz. 50c.

115. **Heliotrope.** Dark blue and white. The well-known fragrant flowering plants. 1 to 2 feet high. For pots and gardens. Pkts. 5c, 10c and 25c.  $\frac{1}{4}$  Oz. 35c.  $\frac{1}{4}$  Oz. 60c. Oz. \$2.00.

116. **Hibiscus.** Hardy variety. Marsh Mellow. A very vigorous plant of easiest culture, growing about 2 feet high, with handsome, cream-colored single flowers. Hardy annual. Pkts. 5c, 10c and 25c.  $\frac{1}{2}$  Oz. 35c. Oz. 60c.

## Hollyhock

Hollyhocks are perennials, but we suggest sowing seed every year in January indoors and grown in pots until they can be set outdoors. These plants will blossom the same season and give larger flowers, but smaller plants. Sowings can also be made from June to August. When plants are large enough transplant to a cool, rich soil, planting at least a foot apart. They should be supplied with plenty of water throughout the season. Four to eight feet high.

117. **Hollyhock.** Double Superb. Mixed. Favorite hardy plants, with immense flowers on spikes from 4 to 6 inches high. Bolgiano's strain of Double Hollyhocks are famous for beauty and coloring. Pkts. 5c, 10c and 25c.  $\frac{1}{4}$  Oz. 30c. Oz. \$1.00.

118. **Hollyhock.** Single mixed. Pkts. 5c, 10c and 25c.  $\frac{1}{2}$  Oz. 35c. Oz. 60c.

119. **Hollyhock.** Single and Double Mixed. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 25c. Oz. 45c.

120. **Kochia Trichophylla.** An old-fashioned popular annual, sometimes known as Belvidere, Mock Cypress, Mexican Fire Plant, etc. It is easily grown from seed—forming oval bushes 2 to 2½ feet high, densely clothed with small feathery light-green foliage, deepening in color as the Summer advances until the whole plant assumes a fiery-crimson hue. Pkts. 5c and 10c. Oz. 20c.

121. **Kudzu Vine.** A twining vine of remarkably rapid growth, attaining a length of 40 to 50 feet in one season. Hardy. Foliage large and lobed; purple pea-shaped flowers in clusters, borne late in the season. A fine vine for arbors, verandas, etc. Easily grown from seed. Pkts. 5c, 10c and 25c. Oz. 50c.

## Lobelia

These are very useful plants for hanging baskets, window boxes, edging or pot culture. They bloom continually from June until November.

122. **Crystal Palace Compacta.** The very best bedding variety; rich dark blue; 4 inches high. Pkts. 5c, 10c and 25c.  $\frac{1}{8}$  Oz. 50c.  $\frac{1}{4}$  Oz. 75c.  $\frac{1}{2}$  Oz. \$1.25. Oz. \$2.00.

123. **Gracilis.** Trailing habit; suitable for hanging baskets, vases, etc.; dark blue. Pkts. 5c and 10c.  $\frac{1}{4}$  Oz. 25c. Oz. 75c.

124. **Lantana.** Finest mixed colors. Tender perennial. Flowering continuously. 2 to 3 feet. Pkts. 5c, 10c and 25c. Oz. 35c.

125. **Larkspur.** Double Dwarf German Rocket. Beautiful spikes of double flowers in many shades, ranging from pure white to deep rich pink. Hardy annuals. 1 foot high. Pkts. 5c and 10c. Oz. 30c.

126. **Lathyrus.** Latifolius. Hardy Everlasting Peas. These climb 6 to 8 feet high when trained on a trellis; the flowers are borne in large clusters and very closely resemble Sweet Peas. They are peculiarly adapted to rough places, to scramble over rocks and bushes; splendid cut flowers. Mixed colors. Pkts. 5c, 10c and 25c. Oz. 60c.

127. **Lupin.** A very conspicuous plant with spikes of pea-shaped blossoms. Growing 3 feet tall. Pkts. 5c and 10c. Oz. 15c.



**Hollyhock, Bolgiano's Superb Double Strain**





Mignonette Mammoth Flowering

## Marigold (Tagetes)

Marigolds afford a wealth of color that is simply invaluable. The African varieties produce large self-colored blossoms on tall plants; the French are smaller, but the colors and markings are very interesting.

128. **Double Tall African Mixed.** Large double flowers. Pkts. 5c and 10c. ½ Oz. 25c. Oz. 40c.

129. **Double Dwarf African Mixed.** Immense golden yellow flowers. Compact dwarf habit, forming dense bushes. Pkts. 5c and 10c. ½ Oz. 25c. Oz. 40c.

130. **Double Tall French Mixed.** Large bushes covered with a multitude of small double flowers. Pkts. 5c and 10c. ½ Oz. 25c. Oz. 40c.

131. **Double Dwarf French Mixed.** Low bushes covered with small flowers. Pkts. 5c and 10c. ½ Oz. 25c. Oz. 40c.

132. **Marvel of Peru.** Four o'Clocks. Large and beautiful old-fashioned plants of spreading habits. Produce brilliant colored flowers that open about 4 o'clock in the afternoon. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. Lb. \$2.00.

133. **Matthiola.** Bicolor. Evening scented stocks. Old-fashioned annual, the flowers being a dull purplish lilac. Pkts. 5c and 10c. Oz. 20c.

134. **Mignonette.** Mammoth Flowering. It is the best Mignonette for all purposes, either outside or inside. Ever blooming, flowers lasting until late in Fall. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 50c.

135. **Mignonette.** Matchett Perfection Bismarck. The red flowers are larger than those of other sorts. The spikes are very dense. Its foliage is crinkled while its odor is delicious. Pkts. 5c and 10c. ½ Oz. 25c. Oz. 45c.

136. **Memosa.** Sensitive Plant. Curious and interesting spikes, white flowers, the leaves close or droop when touched or shaken. 1 foot high. Pkts. 5c and 10c. ½ Oz. 25c. Oz. 40c.

137. **Morning Glory Japanese.** (Ipomea Grandiflora Superba.) A handsome showy climber of easy culture and suitable for covering windows, trellises, old stumps, etc. The flowers are most brilliant in the morning and run through many shades, from white to dark blue, red and striped. Hardy annual. 30 to 50 feet high. Pkts. 5c and 10c. Oz. 15c. ¼ Lb. 40c. Lb. \$1.25.

138. **Morning Glory.** Imperial Japanese. Frilled and fancy. Even more beautiful than the Superba. You should certainly try this beautiful and wonderful Morning Glory. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 60c. Lb. \$2.00.

139. **Moon Flower.** Ipomea Grandiflora Alba. One of the most virgorous of all Summer climbers, and will grow 30 to 40 feet in a season, and be covered with saucer-shaped white flowers every evening and cloudy day. Pkts. 5c, 10c and 25c. Oz. 50c. ¼ Lb. \$1.75. Lb. \$5.00.

140. **Myosotis Alpertris.** Forget-Me-Not. Popular perennials, flowering first season from early Spring-sown seeds. Pkts. 5c and 10c. ½ Oz. 25c. Oz. 40c.

141. **Nemophila.** Love Grove. Mixed. Free-flowering annual, of dwarf, compact habit, with a profusion of cup-shaped flowers; thrives best in a cool, shady situation; 1 foot. Pkts. 5c and 10c. Oz. 20c.

142. **Nicotiana.** Affinis. Splendid pure white flowers on long terminal tubes; it is so fragrant that a small bed will perfume the surrounding atmosphere. Pkts. 5c and 10c. ½ Oz. 15c. Oz. 25c.

143. **Nigella.** Love in the Mist or Devil in the Bush. Damascena. Free-flowering plant with finely cut foliage. Curious looking flowers and seed pods; blue and white mixed; growth 1 foot. Pkts. 5c and 10c. Oz. 20c.

144. **Oenothera.** Evening Primrose. Mixed. ½ to 2 feet. Neat plants, with large, saucer-shaped flowers, white or golden yellow; open at dusk; emit a delightful perfume. Pkts. 5c and 10c. Oz. 20c.

145. **Passion Flower Vine.** Coerulea Grandiflora. A beautiful violet or blue vine for greenhouse and window, called Passion Flower since tradition; see represented in its flowers the symbols of the Christian Faith. Pkts. 5c, 10c and 25c. ¼ Oz. 30c. Oz. \$1.00.

146. **Petunia.** Single Giant Flowers, blotched and striped, giant fringed. Bolgiano's strain of Petunia is very superb, the flowers are of immense size, and are beautifully colored and marked. Some of the flowers are brilliant rosy-red, light crimson with white throats, violet-white, lavender, velvet, dark crimson and yellow throat. Pkts. 5c and 10c. ¼ Oz. 20c. Oz. 75c.

147. **Petunia.** Howard Star. A beautiful free flowering strain. Color Crimson-Maroon with a clearly defined five-pointed star of blushing white. For bedding, baskets, vases, etc., this is exceptionally fine. Pkts. 5c, 10c and 25c. ¼ Oz. 75c. ½ Oz. \$1.25. ½ Oz. \$2.25. Oz. \$4.00.

148. **Phlox.** Drummondii Grandiflora. A lovely strain of plants growing 1 to 1½ feet high, covered with a mass of bright flowers; excellent for pot plants and for bedding. Choice Mixed. Pkts. 5c, 10c and 25c. ¼ Oz. 40c. Oz. \$1.50.

149. **Phlox.** Hardy. Finest mixed perennial 2 to 3 feet high, forming large bushes, bearing immense heads of flowers; is very hardy and can be grown in places where other flowers on account of temperature will not thrive. Pkts. 5c, 10c and 25c. ¼ Oz. 60c. Oz. \$2.25.

## Poppy

(Papaver)

A magnificent group of hardy annuals and hardy perennials which should be in everybody's garden who wish a beautiful display of color in all shades from Spring until frost. The seed of the annual varieties should be sown where they are to blossom, as they do not like transplanting; thin out when large enough. Best results are to be had from a sandy loam.

150. **Bolgiano's Fairy Maid Mixture.** This is a beautiful mixture of all that is best in annual Poppies. The colors are simply gorgeous, both in single and double varieties. Pkts. 5c and 10c. Oz. 25c. ¼ Lb. 75c.

### SINGLE ANNUAL VARIETIES

151. **Bolgiano's Choice Shirley Mixture.** This strain is especially grown for us and great care is taken with the colors, which range through apple blossom, deep pinks, old rose, crimson, terra cotta, white to the deepest red. Several sowings should be made during the Summer. One and one-half feet high. Pkts. 5c and 10c. Oz. 30c. ¼ Lb. \$1.00.

152. **Miss Sherwood.** Large flowers of satiny white, the upper half shading to a silky chamois rose; a combination of rare delicacy. Two feet high. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 50c.

153. **Umbrosium (Caucasian Poppy).** Dark crimson with a black blotch on the lower part of each petal. One and one-half feet high. Pkts. 5c and 10c. Oz. 30c. ¼ Lb. \$1.00.

### DOUBLE ANNUAL VARIETIES

154. **American Flag.** Beautiful variety. Flowers very large and double; snow white, bordered with scarlet. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 75c.

155. **Carnation Flowered Mixed.** A very fine mixture with large, double fringed flowers. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 75c.

156. **Paeony Flowered Mixture.** Immense, showy, double flowers; very similar to a double Paeony. Pkts. 5c and 10c. Oz. 20c. ¼ Lb. 75c.

### PERENNIAL VARIETIES

157. **Alpinum Mixed.** An exquisite small Poppy. Excellent for sunny borders or rock work. It resembles Nudicaule, but is dwarfer. One foot high. Pkts. 10c and 25c.

158. **Hardy Giant.** Iceland and Oriental. Hardy perennials 2 to 3 feet high, producing flowers 4 to 6 inches across. Our splendid mixture contains salmon, fiery-scarlet, rose-lilac and copper color, white, golden-tinged crimson. Pkts. 5c and 10c. ¼ Oz. 35c. Oz. \$1.25.

159. **Iceland Poppy.** While this is a hardy perennial, it flowers the first year from seed, blooming almost as quickly as the annual sorts. Finest Mixed all colors. Pkts. 5c, 10c and 25c.



Bolgiano's Shirley Poppies





## Bolgiano's Giant Flowering Nasturtiums

We Pay Postage on Pkts., Ozs.,  $\frac{1}{4}$  Lbs. and Lbs.

The Nasturtium comes next to the Sweet Pea in popularity. The Dwarf Varieties are excellent for bedding and edging. The Climbing Varieties for covering stone walls, rubbish heaps, or trailing on trellises to shade porches or verandas.

### Bolgiano's Dwarf Giant Flowering

	Pkts.	Oz.	$\frac{1}{4}$ Lb.	1 Lb.
160. <b>Beauty.</b> Yellow spotted scarlet..	5c and 10c	15c	50c	\$1.50
161. <b>Cloth of Gold.</b> Scarlet with yellow foliage .....	5c and 10c	15c	50c	1.50
162. <b>Express of India.</b> Deep crimson, dark leaved, extra fine.....	5c and 10c	15c	50c	1.50
163. <b>French Chameleon.</b> Giant flowered variegated .....	5c and 10c	15c	50c	1.50
164. <b>King of Tom Thumbs.</b> Bright scarlet, dark leaved .....	5c and 10c	15c	50c	1.50
165. <b>King Theodore.</b> The grandest dwarf Nasturtiums ever introduced. The large flowers are a beautiful dark maroon; these are set off and made conspicuous by their dark foliage .....	5c and 10c	15c	50c	1.75
166. <b>Pearl Amber.</b> White flowers....	5c and 10c	15c	50c	1.75
167. <b>Prince Henry.</b> Pale yellow, spotted red .....	5c and 10c	15c	50c	1.50
168. <b>Queen of Tom Thumbs.</b> Giant crimson, variegated green and white foliage..	5c and 10c	15c	50c	1.50
169. <b>Rose.</b> Soft carmine rose.....	5c and 10c	20c	60c	2.00
170. <b>Ruby King.</b> Giant red flowers..	5c and 10c	20c	60c	2.00
171. <b>Spotted King or Lady Bird.</b> Golden yellow spotted cardinal red, calyx and spur ruby .....	5c	15c	50c	1.50
172. <b>Nasturtium Dwarf or Tom Thumb.</b> Giant flowering; most gorgeous mixture of colors; improved type of bushy garden annual. 1 foot. Pkts. 5c and 10c. Oz. 10c. $\frac{1}{4}$ Lb. 20c. Lb. 60c.				
173. <b>Lobb's Medium High Nasturtium.</b> Grandest mixture of 30 varieties. This mixture of Nasturtiums will grow from 6 to 10 feet high, while the tall Nasturtium will grow more than 15 feet high. To produce best results, you should select the Dwarf for bedding, the Lobb's for low trellises and the tall for climbing. Pkts. 5c and 10c. Oz. 10c. $\frac{1}{4}$ Lb. 20c. Lb. 55c.				
174. <b>Tall or Climbing Varieties.</b> Giant flowering, gorgeous mixture, annual climber. 6 to 10 feet high, producing large flowers, flowering best in light dry soil. Pkts. 5c and 10c. Oz. 10c. $\frac{1}{4}$ Lb. 15c. Lb. 50c.				
175. <b>Portulaca.</b> Mexican Rose. There are few flowers that make such a dazzling display of colors in the bright sunshine as a bed of Portulaca. They are in bloom from the first of July until killed by frost, growing 6 to 8 inches high. Single mixed. Pkts. 5c, 10c and 25c. $\frac{1}{2}$ Oz. 40c. Oz. 75c.				
176. <b>Portulaca.</b> Double Rose Flowered Mixed. A large percentage of the flowers will come perfectly double, of the most brilliant scarlet, crimson, white, yellow. Pkts. 5c, 10c and 25c. $\frac{1}{4}$ Oz. 50c. Oz. \$2.00.				

177. **Ricinus.** Castor Oil Beans and other varieties. Garden annual of luxuriant growth, with large palm-like leaves; extremely attractive on account of their sub-tropical effect. Our wonderful mixture contains varieties from 6 to 12 feet high. Some with immense leaves, green, brown or purple, other purplish leaves and stem, some with foliage, also maroon and black stems. Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 40c.  $\frac{1}{2}$  Lb. 60c. Lb. \$1.00.

#### Ricinus Separate Varieties:

178. **Gibsoni.** Deep red foliage.
179. **Sanguineus.** Obernanni. Blood-red stalks and fruit.
180. **Zanzbariensis.** Immense size. Coppery-bronze, changing to dark green with reddish ribs.
- Any of the above: Pkts. 5c and 10c. Oz. 15c.  $\frac{1}{4}$  Lb. 50c.  $\frac{1}{2}$  Lb. 80c. Lb. \$1.50.
181. **Salpiglossis.** One of the most attractive annuals and should be in every garden. The blossoms are tube-shaped much like a Petunia but rivaling the latter in the beautiful colors displayed. Each flower is veined with a glint of gold. Mixed all colors. Pkts. 5c, 10c and 25c.  $\frac{1}{4}$  Oz. 35c. Oz. \$1.00.
182. **Salvia Splendens.** Grandiflora. Among the most brilliantly colored of garden flowers, and extremely useful for bedding, hedging or border. It is like a blaze of flaming scarlet; is intensely brilliant. A single plant will carry as many as two hundred spikes of flowers. Pkts. 5c, 10c and 25c.  $\frac{1}{8}$  Oz. 35c.  $\frac{1}{4}$  Oz. 60c. Oz. \$2.00.
183. **Salvia.** Dwarf Bonfire, or Little Lord Fauntleroy. This is one of the finest of the scarlet sages, growing in a bush, 2 feet high. Its spikes of flowers of brilliant color stand clear above the dark foliage and completely cover the plant. It attracts immediate attention in the garden. Pkts. 5c, 10c and 25c.  $\frac{1}{8}$  Oz. 40c.  $\frac{1}{4}$  Oz. 75c. Oz. \$2.50.
184. **Scabiosa.** Large flowered double. Mourning Bride. These beautiful flowers of many bright colors are useful for cutting. They are gracefully borne on long, slender stems. Pkts. 5c and 10c.  $\frac{1}{2}$  Oz. 20c. Oz. 30c.
185. **Scarlet Runner Vine.** Annual. 15 feet. This bean produces a rapid growing vine and makes clusters of showy scarlet blooms. Pkts. 5c and 10c.  $\frac{1}{4}$  Lb. 15c.  $\frac{1}{2}$  Lb. 25c. Lb. 40c.
186. **Scizanthus.** Butterfly Flower. One of our finest hardy annuals, bearing a profusion of pretty butterfly-like flowers of various colors, closely resembling some species of Orchids; also desirable for Winter blooming in pots. All colors, mixed. Pkts. 5c, 10c and 25c.  $\frac{1}{2}$  Oz. 50c.
187. **Shasta Daisy.** A large flowering single white, hardy daisy; has long been considered one of our finest hardy perennials for permanent garden decoration. Flowers 4 inches or more across. The plants grow 2 to 2 $\frac{1}{2}$  feet in height. Pkts. 5c, 10c and 25c.  $\frac{1}{2}$  Oz. 40c. Oz. 75c.
188. **Smilax.** Myrsiphyllum Asparagoides. In many respects the Smilax is the most useful and graceful climber which adorns the greenhouse or conservatory. For bouquets and floral decorations it is indispensable. Pkts. 5c, 10c and 25c.  $\frac{1}{2}$  Oz. 30c. Oz. 50c.
189. **Statice.** Sea Lavender. Splendid hardy perennials, either for the border or rockery, producing all Summer panicles of minute flowers which can be dried and used for Winter bouquets. Mixed varieties. Pkts. 5c, 10c and 25c.  $\frac{1}{2}$  Oz. 35c. Oz, 60c.



We Pay Postage on Pkts., Ozs., ¼ Lbs. and Lbs.



Bolgiano's Giant Show Pansies

## Bolgiano's Giant Pansies

The most popular flower of the garden. They delight in a cool, rich, moist soil and a situation that protects them from the cutting winds as well as the bright sun. To get best results, Pansies should be sown in July or August and protected with a cold frame, salt hay or straw manure. The seed may also be sown indoors in January or February, or in the Spring in the open ground.

### THE MOST BEAUTIFUL PANSIES IN THE WORLD

190. **Giant Adonis Pansy.** None among the thousand of Pansy plants that we sold last Spring attracted quite so much attention as this beauty; it is a beautiful light blue contrasted with white. Pkts. 10c and 25c. ½ Oz. 50c. ¼ Oz. 90c. Oz. \$3.00.

191. **Giant Bridesmaid Pansy.** A beautiful new Pansy; white shining rose, beautifully blotched. Pkts. 10c and 25c. ½ Oz. 60c. ¼ Oz. \$1.00. Oz. \$3.75.

192. **Emperor William.** Blue with violet eye. A new ideal beauty. Looks like velvet. Pkts. 10c and 25c. ½ Oz. 50c. ¼ Oz. 90c. Oz. \$3.00.

193. **Giant Golden Yellow With Large Black Eyes.** One of the most effective Pansies that is grown, a veritable mass of molten gold. Pkts. 10c and 25c. ½ Oz. 50c. ¼ Oz. 90c. Oz. \$3.00.

194. **Giant Golden Queen.** Pure golden yellow and five-spotted. Pkts. 10c and 25c. ½ Oz. 60c. ¼ Oz. \$1.00. Oz. \$3.50.

195. **Triumph of the Giant.** Most wonderfully beautiful, in immense size. Pkts. 10c and 25c. ½ Oz. \$1.25. ¼ Oz. \$2.00. Oz. \$7.00.

196. **Giant Lord Beaconfield.** It is certainly a Pansy that arrests the attention immediately by its wonderful combination and its beauty. Pkts. 10c and 25c. ½ Oz. 50c. ¼ Oz. 90c. Oz. \$3.00.

197. **Giant Ruffled "Masterpiece" Imperial.** A new class of blotched, heavily ruffled Pansies with large blooms, mostly undulated or curled; many fine, rich colors. Very popular. Pkts. 10c and 25c. ½ Oz. \$1.00. ¼ Oz. \$1.75. Oz. \$6.00.

198. **Mme. Perret.** A new and beautiful strain, originated with a French specialist; flowers of large size, borne very freely in great diversity of colors; especially rich in red and wine shades. Pkts. 10c and 25c. ½ Oz. 50c. ¼ Oz. 90c. Oz. \$3.00.

199. **Snow Queen.** A magnificent pure white, of large size and heavy texture. Pkts. 10c and 25c. ½ Oz. 35c. ¼ Oz. 60c. Oz. \$2.25.

200. **Superb Mixture of the Odier, Cassier and Bugnot Strains.** This is one of the most beautiful and most costly mixture of Pansies in the world. Pkts. 10c and 25c. ½ Oz. \$1.00. ¼ Oz. \$1.75. Oz. \$6.00.

201. **Trimardeau Parisian Large Stained.** Very beautiful improved strain of Trimardeau Pansies, mostly white ground and finely blotched varieties. Pkts. 10c and 25c. ½ Oz. 50c. ¼ Oz. 90c. Oz. \$3.00.

202. **Bolgiano's Finest Mixed Giant Pansies.** This mixture, full of startling beauties, is so well known that a description is hardly necessary; if you want a perfect dream of beauty, try this mixture. Pkts. 10c and 25c. ½ Oz. 35c. ¼ Oz. 60c. Oz. \$2.25.

214. **Wild Cucumber.** Quickest grower of all climbers. Thickly dotted with pretty, white, fragrant flowers followed by ornamental seed pods. Pkts. 5c and 10c. ½ Oz. 15c. 2 Ozs. 25c.

215. **Xeranthemum.** Everlasting or Immortelle. Annum. One of the prettiest and most satisfactory of the everlasting, bearing bright rose, purple and white flowers, which are not only showy in the garden, but useful for dried flowers in Winter bouquets. Grows about 3 feet high and can be sown in the open ground early in May, growing in any sunny position, remaining in bloom from early Summer till frost. Mixed colors. Pkts. 5c, 10c and 25c. Oz. 50c.

216. **Zinnias.** Tall Mammoth Mixed. The garden annuals are greatly improved; the plants form handsome bushes 2 feet in height, with large, double flowers of all brilliant colors. Pkts. 5c, 10c and 25c. ½ Oz. 35c. Oz. 60c.

217. **Zinnias.** Dwarf Mixed. Thick branching little plants about 1 foot high; they fairly bristle with tiny, short-stemmed double flowers like a large daisy in size. They may be used with success in pots as well as for groups and edgings. Pkts. 5c, 10c and 25c. ½ Oz. 40c. Oz. 75c.

218. **Dwarf Double White.** Pkts. 5c, 10c and 25c. ½ Oz. 40c. Oz. 75c.

219. **Dwarf Canary Yellow.** Pkts. 5c, 10c and 25c. ½ Oz. 40c. Oz. 75c.

220. **Dwarf Double Scarlet.** Pkts. 5c, 10c and 25c. ½ Oz. 40c. Oz. 75c.

221. **Dwarf Salmon Rose.** Pkts. 5c, 10c and 25c. ½ Oz. 60c. Oz. \$1.00.

## 222 Bolgiano's Wild Flower Garden or Children's Flower Garden Mixture

This is a mixture which will give great pleasure to all who try it for waste corners and patches, and with a little or no care will procure a pleasing effect in places that would otherwise be nothing but a collection of unsightly weeds. This mixture is ideal for the Children's Garden. Why not put aside a little patch of ground for every one of your children; show them how to spade and rake the bed smoothly, then early in May sow the seeds broadcast over the bed, and cover about one-half inch with fine sifted soil? Make the children a present of a package of seed and a watering pot and teach them to water when necessary. Do not thin out the plants and they will have a grand display of flowers the entire Summer. If you have no children, try a patch yourself. Pkts. 5c and 10c. ½ Oz. 20c. Oz. 30c. ¼ Lb. \$1.00. Lb. \$3.00.

203. **Stocks.** Bolgiano's Giant Perfection Double Stocks. A magnificent strain, 2½ feet high, with long well-filled spikes of very large flowers. This well-known annual is sometimes grown in pots, but usually used for garden decorations. Pkts. 5c, 10c and 25c. ¼ Oz. 60c. Oz. \$2.00.

204. **Sunflower.** Single thousand flowered, Single Cut and Come Again, Double Cut and Come Again. Double Globes of Gold, in grandest mixture. This is a branching pyramidal plant, bearing hundreds of yellow flowers. The Cut and Come Again are from 3 to 4 feet high, and of a bushy habit, bearing hundreds of small flowers 3 to 4 inches across. The Double Cut and Come Again are extremely attractive. The Double Globes of Gold grow 3 to 3½ feet high and bear double golden flowers.

205. **Single and Double Mixed.** Pkts. 5c and 10c. ½ Oz. 15c. Oz. 20c.

206. **Tall Sunflower.** Pkts. 5c and 10c. ½ Oz. 15c. Oz. 20c.

**Sweet William.** For many years the Sweet William has been esteemed as one of the finest of our hardy garden plants, being of easy culture and thriving in any good garden soil and lasting for years. The plants grow about 1 foot high and form fine clumps. Our perfection strains produce heads of fragrant flowers, including blood crimson, salmon, pink, white, cerise, etc. Many have large white eyes, and all being sweet scented.

207. **Single mixed.** Pkts. 5c, 10c and 25c. ½ Oz. 30c. Oz. 50c.

208. **Double mixed.** Pkts. 5c, 10c and 25c. ½ Oz. 30c. Oz. 50c.

209. **Thunbergia.** Black-eyed Susan. Beautiful, rapid-growing annual climbers, preferring a warm, sunny situation; used extensively in hanging-baskets, vases, low fences, etc.; very pretty flowers in buff, white, orange, etc., with dark eyes; mixed colors; 4 feet. Pkts. 5c and 10c. ¼ Oz. 15c. Oz. 50c.

210. **Tritoma.** Red Hot Poker Plant. Showy plants either for bedding, vases or pot culture. A most striking ornamental autumn plant; valuable for shrubberies, flower borders or beds; large spikes of orange-scarlet flowers; 3 to 4 feet. Pkts. 5c and 10c. ¼ Oz. 20c. Oz. 75c.

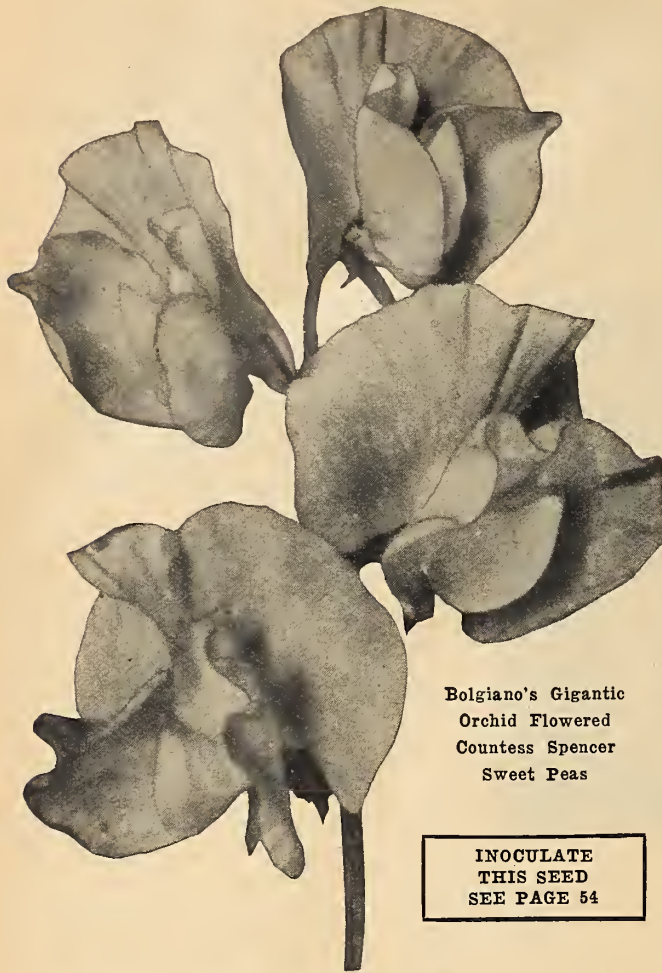
211. **Verbena.** Mammoth. This Verbena produces magnificent flowers in wide range of colors. The blooms are frequently larger than a silver quarter. The colors are rich and varied, embracing all the bright shades. Pkts. 5c, 10c and 15c. ¼ Oz. 20c. ½ Oz. 40c. Oz. 75c.

212. **Verbena.** Bushy or dwarf. These are free flowering hardy annuals of low spreading growth. Single plants in rich soil will cover a space 3 to 4 feet in diameter and furnish a profusion of flowers. If the flowers are kept cut the plants bloom much more freely. Pkts. 5c, 10c and 15c. ¼ Oz. 20c. ½ Oz. 40c. Oz. 75c.

213. **Wallflower.** German. Finest Mixed. An old favorite garden flower. The large, massive spikes of the Wallflower are very conspicuous in the beds and borders and are very useful in making bouquets. Height about 1½ feet. Pkts. 5c, 10c and 15c. ¼ Oz. 20c. Oz. 75c.



We Pay Postage on Pkts., Ozs., ¼ Lbs. and Pounds



**Bolgiano's Gigantic  
Orchid Flowered  
Countess Spencer  
Sweet Peas**

**INOCULATE  
THIS SEED  
SEE PAGE 54**

	Pkt.	Oz.	¼ Lb.	1 Lb.
247. <b>Mrs. Routzahn Spencer.</b> The beautiful coloring is buff on apricot ground flushed with pink deepening toward the edges. Charming as a cut flower.....	10c	30c	\$1.00	\$3.50
248. <b>Mrs. Walter Wright Spencer.</b> A beautiful shade of deep mauve; very artistic.....	10c	30c	1.00	3.50
249. <b>Primrose Spencer.</b> The finest primrose yellow, with very large wavy flowers.....	10c	30c	1.00	3.50
250. <b>Rainbow Spencer.</b> Ivory streaked rose. A handsome sort.....	10c	30c	1.00	3.50
251. <b>Rosabelle.</b> A very large bright waved rose. ....	10c	30c	1.00	3.50
252. <b>Royal Purple.</b> The color of this charming variety is a fine royal purple and beautifully waved. It is absolutely distinct.....	10c	30c	1.00	3.50
253. <b>Ruby Spencer.</b> Rich, dark red. The flowers are enormous and borne three and four to a stem.....	10c	30c	1.00	3.50
254. <b>Senator Spencer.</b> The color is a varying combination of deep scarlet and chocolate striped and flaked on a ground of light heliotrope .....	10c	30c	1.00	3.50
255. <b>The President.</b> The intensely rich and dazzling orange-scarlet color of the flower equals in brilliance the Oriental Poppy. Both for exhibition and garden decoration. "The President" is the most striking and valuable addition to Sweet Peas that has been offered in recent years .....	10c	40c	1.15	4.00
256. <b>Wedgewood.</b> Flowers of good size and a fine shade of Wedgewood blue; wings well waved; very free flowering; considered by Sweet Peas experts to be the very finest blue variety yet introduced.....	10c	30c	1.00	3.50
257. <b>White Spencer.</b> A pure wavy white of enormous size and splendid substance.....	10c	30c	1.00	3.50

### Bolgiano's Superb Collections Sweet Peas

- 18 Pkts. choice Spencer varieties in all the most beautiful shades for \$1.50.  
 12 Pkts. choice Spencer varieties in all the most beautiful shades for \$1.00.  
 6 Pkts. choice Spencer varieties in all the most beautiful shades for 50c.

## Sweet Peas

### Bolgiano's Giant Orchid or Spencer Flowering Varieties

We recommend the following methods of planting: Sow seeds indoors in January or February in boxes or pots. If in pots put 4 to 6 seeds in a 3-inch pot, grow in a cool temperature. Plant outside about the middle of April. If the ground for same has been well prepared and enriched, they will need nothing but watering in dry weather; except when in blossom when watering of liquid manure will be very beneficial. Keep the flowers well cut if you desire to prolong the flowering season.

### 223 Bolgiano's Giant Orchid or Spencer Flowering Mixture

This wonderful mixture contains only the choicest and finest Spencer types. The colors are grown separately, then mixed in equal proportions to insure a well balanced range of colors. Pkts. 10c. Oz. 20c. ¼ Lb. 60c. Lb. \$2.00.

### 224 Bolgiano's Choice Mixture of Grandiflora Varieties

This mixture is made up of the best distinct varieties of Grandifloras and has a vast range of color and profusion of bloom. Pkts. 5c. Oz. 10c. ¼ Lb. 25c. ½ Lb. 40c. Lb. 75c.

	Pkt.	Oz.	¼ Lb.	1 Lb.
225. <b>America Spencer.</b> Striped brilliant carmine red on white.....	10c	30c	\$1.00	\$3.50
226. <b>Apple Blossom Spencer.</b> Immense waved and crinkled flowers of crimson rose color with creamy bluish wings .....	10c	30c	1.00	3.50
227. <b>Asta Ohn.</b> Lavender tinted mauve; very fine .....	10c	30c	1.00	3.50
228. <b>Aurora Spencer.</b> Brilliant orange rose-striped and flaked on a cream white, the most attractive of the striped Spencers.....	10c	30c	1.00	3.50
229. <b>Blanche Ferry Spencer.</b> Pink and white. These beautiful colors in the large, wavy standard and wings are a welcome addition....	10c	30c	1.00	3.50
230. <b>Constance Hinton.</b> A beautiful white Spencer of enormous size. Young flowers usually tinted a trifle pink but they soon turn pure white .....	10c	30c	1.00	3.50
231. <b>Countess Spencer.</b> The coloring is a soft rose pink, which deepens at the outer edges and becomes still richer or more heavily suffused in cool weather.....	10c	30c	1.00	3.50
232. <b>Dobbies Cream.</b> We consider this the very best deep cream or primrose colored variety; nicely waved.....	10c	30c	1.00	3.50
233. <b>Fiery Cross.</b> Has all the appearances of live fire, the color being a scorching fire-red, or scarlet, without any shading and which scintillates and glitters in bright sunshine, thus adding a glowing fire like sheen, which radiates over the flower. It can be grown in all soils, without shading. The beautiful waved and fluted flowers are borne freely in threes and fours, well placed on long, stout stems.....	10c	40c	1.15	4.00
234. <b>Florence Morse.</b> Light pink edged Countess Spencer .....	10c	30c	1.00	3.50
235. <b>Florence Nightingale.</b> The largest and finest pure lavender.....	10c	30c	1.00	3.50
236. <b>George Herbert.</b> Beautiful, rich bright rosy carmine .....	10c	30c	1.00	3.50
237. <b>Helen Lewis Spencer.</b> The wings orange-rose; the standard is of an intense, rich crimson-orange. Blooms of a gigantic size.....	10c	30c	1.00	3.50
238. <b>Illuminator.</b> Rich glowing cerise salmon, with an indication of bright orange suffusion. ....	10c	30c	1.00	3.50
239. <b>King Edward.</b> Deep rich crimson; a strong and beautiful color. Does not fade or scorch .....	10c	30c	1.00	3.50
240. <b>King Manuel.</b> Giant chocolate maroon self, one of the largest and best of this color..	10c	30c	1.00	3.50
241. <b>Loyalty.</b> A fine large, waved, bright blue, flaked on white.....	10c	30c	1.00	3.50
242. <b>Margaret Atlee.</b> Duplex salmon-pink, suffused on cream ground.....	10c	30c	1.00	3.50
243. <b>Margaret Madison.</b> Clear pale blue self. ....	10c	30c	1.00	3.50
244. <b>Marie Corelli Spencer.</b> The large flowers are brilliant rose carmine or red of the true Spencer form. The wings are a pure rosc crimson while the standard shows a tint of cherry red .....	10c	30c	1.00	3.50
245. <b>Maud Holmes.</b> A large and bright rich crimson .....	10c	30c	1.00	3.50
246. <b>Mrs. Hugh Dickson.</b> One of the finest: beautiful salmon-pink on a cream ground....	10c	30c	1.00	3.50





A Beautiful Canna Bed

## Large Flowering Cannas

Parcel Post Weight 1 Lb. per Root. Postage extra and must be included with remittance

**Culture.** Cannas should be planted in good, rich garden soil, mixed with half of old rotten stable manure, by the end of May, when danger from frost is past. Water sparingly for first two weeks after planting. When growing freely, water liberally. Set the plants about 18 inches apart each way, and if more than one kind is used, be careful to plant the taller growing kinds in the center and the dwarf ones along the edge. This applies to planting in beds.

### Four New and Rare Varieties

**Apricot.** Deep yellow buff petals, overlaid with salmon pink. More remarkable than its popular and pleasing color is the thickness and texture and consequent durability of the petals and hence of the flowers. Its flowers will stand up firmly against rain, wind and sun better than any other canna. It is of green foliage, average four feet high; a good producer and good keeper. 30c each. \$3.25 dozen.

### Other Choice and Rare Varieties

**City of Portland.** 3½ ft. Glowing Pink; profuse bloomer. Magnificent for bedding. 15c each. \$1.75 per doz.

**King Humbert.** 5 ft. In this grand canna we have a combination of the highest type of flowers with the finest bronze foliage. Its flowers measure 6 inches in diameter, produced in gigantic trusses, a brilliant orange scarlet with bright red markings; foliage broad and massive, of a rich coppery-bronze. 10c each. \$1.10 per doz.

**Morning Glow.** 4 ft. A color contrast of more than usual picturesqueness; foliage an olive-green, striped and veined with bronze. Flowers exquisite, soft shell-pink with orange-red center. 10c each. \$1.10 per doz.

**The President.** 4 ft. Nearly everyone had a chance to become acquainted with this canna marvel last summer, for this was the glorious red flower grown on the public grounds at Washington, D. C., and in the largest public parks in this country. Color is rich glowing scarlet, and the immense, firm flowers, 7 inches across when open, are produced 10 to 15 on a head, on strong, erect stalks. 15c each. \$1.75 per doz.

**Wintzer's Colossal.** 5 ft. The average flower more than covers a man's hat. The color is a striking, vivid scarlet, that does not fade, but retains its brilliancy as long as the flower lasts. A splendid canna for large beds as it blooms continuously. 10c each. \$1.10 per doz.

**Wyoming.** 7 ft. Orange flowers, purple foliage. 8c each. 90c doz.

**Yellow King Humbert.** 5 ft. A rare beauty, green foliage, symmetrical plant, golden yellow flowers dotted red, strong habit, makes a splendid variety to bed with the bronze leaf King Humbert. 20c each. \$2.20 per doz.

### Calladium or Elephant Ears

Postage extra and must be included with remittance.

**Calladium or Elephant Ears.** One of the most effective plants in cultivation for the flower border bed or for planting out on the lawn. They will grow in any garden soil, and is of the easiest culture. To obtain the best results they should be planted where they will obtain plenty of water and abundance of rich compost. Foliage light green. When full size they stand 6 feet high and bear immense leaves 3 to 4 feet long by 2¼ feet wide. Should not be planted in the open until May 1st, but to get them in early growth can be started indoors.

### Mammoth Calladium Bulbs

These are particularly fine for center of beds, giving a beautiful effect where Cannas and Scarlet Sage are planted on the outside borders. They are only the choicest and most select bulbs, producing the most massive effect with their foliage.

**Extra Large Bulbs.** 12 inches in circumference, 25c each. \$2.75 doz.

By mail add 10c per bulb.

**Large Bulbs.** 9 to 11 inches in circumference, 15c each. \$1.60 doz.

By mail add 5c per bulb.

**Small Bulbs.** 7 to 9 inches in circumference, 8c each. 85c doz.

By mail add 5c per bulb.

### Bolgiano's Excelsior Double Pearl Tuberoses

Postage extra and must be included with remittance.

Mailing Weight 1 Lb. per Doz. 7 Lbs. per 100 Parcel Post Rates, see Page 2

One of the most fragrant and most popular of the Summer flowering Bulbs. Easily recognized by its fragrance and beautiful flower spikes, which are borne on long stems, making it an admirable cut-flower for house decorations. Plant in open ground after the first day of May. If started in pots and then transplanted to open ground can be had much earlier.

### MAMMOTH BULBS

**Bolgiano's Mammoth Excelsior Dwarf Pearl Tuberoses** are a special selection which we have perfected after years of reselecting and improving. This Mammoth strain is positively the highest type of Tuberoses. The kind to grow if you desire prize blooms. Prices: 7c each. 75c doz. \$6.00 per 100.

**First Size Bulbs.** These are choice, selected stock, free flowering, which are borne on long stout stems. They are the kind that are ordinarily sold for Mammoth bulbs. Prices: 4c each. 40c doz. \$3.00 per 100.



Fragrant Double Pearl Tuberoses





**Bolgiano's Beautiful Gladiolus**

**Panama.** Owing to its habit, color and form, it is sure to become the most popular Gladiolus in the near future. It has all the desirable features of the variety America, but in color is a rich rose-pink. Unquestionably one of the finest. The stalks are tall and very robust, many flowers appearing at one time. Mammoth Bulbs 8c each. 80c doz. \$6.25 per 100.

**Chicago White.** Pure white, lightly marked with lavender; fine for cutting. 6c each. 65c per doz. \$5.00 per 100.

**Empress of India.** Rich velvety dark red with deeper shadings. One of the richest colored varieties. Immense flowers on strong stalks. Very decorative. Mammoth Bulbs 7c each. 70c doz. \$5.50 per 100.

**Halley.** Salmon-pink, shaded yellow. Very large, well-expanded flowers. The predominating color of the flower is a delicate pink, with a slight roseate tinge. The lower petals bear a creamy blotch with a bright red stripe through the center, producing a superb effect. Mammoth Bulbs 5c each. 50c doz. \$3.75 per 100.

**Kunderdi Glory.** This attractive variety has large flowers and each petal is exquisitely ruffled and fluted. The color is a fine cream-pink with a neat crimson stripe. 9c each. 90c doz. \$7.00 per 100.

**Mrs. Francis King.** A beautiful scarlet pink of recent introduction, which has everywhere created wide comment for its startling beauty. Immense flowers on spikes growing 4 feet high. The spikes are covered with a mass of blooms. A wonder among Gladiolus. Mammoth Bulbs 5c each. 40c doz. \$3.00 per 100.

**Mrs. Frank Pendleton.** Awarded Certificates of Merit by the Massachusetts Horticultural Society at Boston, August,

Mailing Weight 1 Lb.  
per Doz. 4 Lbs.  
per 100

# Gladiolus

Parcel Post Rates.  
see Page 2

OUR LIST COMPRISES ONLY THE BEST BOTH IN MIXTURE  
AND NAMED SORTS

**All First Size Bulbs**

**Rare and Beautiful Varieties**

**The Most Popular Cut Flower of the Day  
Now Within the Reach of All**

This flower has made wonderful strides during recent years. Its popularity today is exceeded by few other flowers and it has by no means reached its limit. Failure with this flower has never been known. They will grow in any open position and bloom well. They are not only showy in the garden, but when cut with the first flower open will last for 10 days in the house. The newer colorings defy the choicest orchids. Plant bulbs 4 inches deep, 6 inches apart and stake when 2 feet high. Flowers appear from early July until late in the Fall. A succession of blooms may be had from July until October by making plantings from April to June about ten days apart.

**The Super Six Gladiolus**

**America.** A beautiful, soft, flesh-pink. The flowers are of the largest size. The petals are round, thick and strong, and will last at least 10 days in the house after being cut. By far the most vigorous and easily grown Gladiolus known. Stalks 2 to 3 feet long. Mammoth Bulbs 5c each. 40c doz. \$3.00 per 100.

**Augusta.** A lovely and useful variety. A real gem of the garden. Beautiful flowers of pure white with blue anthers, which open all at one time. For massing in front of shrubbery or tall perennials, this variety is excellent, also for cut flowers. Mammoth Bulbs 6c each. 60c doz. \$4.50 per 100.

**Baron Jules Hulot.** The finest blue Gladiolus yet seen. Rich deep color of an indigo shade. Mammoth Bulbs 10c each. \$1.15 doz. \$9.00 per 100.

**Priniceps.** Immense wide-open amaryllis-like flowers of a rich, dazzling scarlet, marked with white on the lower portion, which serves to intensify the brilliancy of the scarlet. 9c each. 95c per doz; \$7.25 per 100.

**Peace.** A grand white with pale lilac featherings on interior petals; large flowers correctly placed on a heavy straight stalk 5 feet high. Peace is a wonderful variety, being a splendid keeper when cut. It flowers Midsummer and late when the best of other Gladiolus are gone. Mammoth Bulbs 7c each. 75c doz. \$6.00 per 100.

**TWO EACH OF ABOVE—12 BULBS FOR 70c.**

## Other Rare Varieties

1909, and American Gladiolus Society of Baltimore, August, 1911. The flowers are very large and well-expanded, of a lovely flushed salmon-pink with brilliant carmine, or deep blood-red blotches in the throat, presenting a vivid contrast of orchid-like attractiveness. Mammoth Bulbs 9c each. 90c doz. \$7.25 per 100.

**Niagara.** Immense flowers often 4½ inches across; color entirely new in Gladiolus. Soft primrose-yellow, slightly ringed rose-pink in throat, penciled with carmine on two lower petals. Mammoth Bulbs 7c each. 75c per doz. \$6.00 per 100.

**Schwaben.** Stalk produces about 20 very large flowers, 6 to 8 usually open at one time. The color is the best of clear canary yellow, shading to a soft sulphury yellow when opening. Mammoth Bulbs 9c each. 90c doz. \$7.00 per 100.

**Mrs. Watt.** This is an unusual color among the Gladioli—a clear wine-red shade. The flowers are large and bold. They are closely set on a short stocky spike. 8c each. 85c doz. \$6.75 per 100.

## Bolgiano's Superb Mixture of Gladiolus

A mixture of the largest number of the most magnificent varieties of any popular mixture yet introduced, contains best strains of each variety. Every bulb of this mixture has been selected with utmost care for coloring, size of flower and purity. 40c per doz. \$3.00 per 100.

## Bolgiano's Fine Mixture of Gladiolus

A mixture containing some of the choicest and best strains of the different named varieties. Second size. 35c doz. \$2.50 per 100.



Mailing Weight,  
1 Lb. per Root

# Dahlias

Parcel Post Rates,  
see Page 2

Containing All the Most Recent Introductions of Both Europe and America

We will sell 6 at dozen rate. Any two 20c Dahlias for 35c

## Six Grand Dahlias

Set of Six for \$4.25

We here offer six of the best varieties in cultivation and especially selected for their value as cut flowers, vigorous growers and free bloomers. Wonderful combinations and harmonious blendings of magnificent colors. We offer them with the utmost confidence that they will give the greatest satisfaction to dahlia lovers who want the very best in quality.

	Each	Doz.
<b>L. Kramer Peacock.</b> (Decorative.) See illustration. The ideal white decorative dahlia for garden or cutting. The flowers are large, of perfect form and great substance, keeping a long time after being cut... \$ .50		\$ 5.00
<b>Mrs. F. F. Schock.</b> (Decorative.) Splendid form on long stiff stems. Color Picric Yellow at base of petals, blend to almost pomegranate purple at tips..... 1.00		10.00
<b>Mrs. J. Harrison Dick.</b> (Decorative.) Citron yellow at center, outer petals suffused and overlaid salmon pink. Long cane stiff stems..... 1.00		10.00
<b>Patrick O'Mara.</b> (Decorative.) The best Autumn Shade variety in existence. The color is an unusually soft and pleasing shade of orange-buff and slightly tinged with Neyron Rose. Blooms extremely large 7 to 9 inches in diameter, and born on long stiff stems. Vigorous grower and free bloomer..... 1.25		12.00
<b>Queen Elizabeth.</b> This new Paeony Dahlia is the highest type yet produced in this class. The color is a beautiful rosy mauve. The large flowers are facing on very long 2½ to 4 foot stems, slender, yet stiff, holding the flowers erect. Strong grower and free bloomer. Valuable for cutting, exhibition and the garden..... .50		5.00
<b>Sheba.</b> (Decorative.) Vivid carmine red, tipped white. Bright and effective. Form: fluffy, loose, artistic and stylish. Size 5 to 6 inches. Blooms facing on perfect stem well above foliage..... 1.00		10.00



L. Kramer Peacock

## Superb New Cactus Dahlias

Set of 12 for \$3.00

	Each	Doz.
<b>Elsa.</b> White, suffused yellow, overlaid pink and edged carmine rose. Very effective and pleasing..... \$ .25		\$2.75
<b>Faunus.</b> Yellow shading to rosy scarlet, long pointed petals. A beautiful flower..... .25		2.75
<b>Francis White.</b> A splendid new white cactus shading to sulphur at the center. An early and extremely profuse bloomer ..... .30		3.25
<b>F. W. Fellow.</b> Flowers of immense size. Composed of numerous long narrow petals of a lively orange scarlet.... .40		4.25
<b>Harlequin.</b> Bright carmine, edged and tipped white..... .25		2.75
<b>Lawine.</b> A large white, lightly suffused pink. A strong vigorous grower, early and profuse bloomer..... .25		2.75
<b>Libelle.</b> Color a beautiful aster purple. Very effective..... .25		2.75
<b>Marjorie Castleton.</b> Rosy pink, tinted lighter toward center .20		2.00
<b>Pink Pearl.</b> Bright rose pink, tipped white; fine form, an early and profuse bloomer..... .25		2.75
<b>Queen of Hearts.</b> A beautiful pure white with yellow at base of petals, making it a most lovely and effective flower. .25		2.75
<b>Reine Cayeux.</b> Rich glowing cardinal red. An early and extremely profuse bloomer, with good stems. A grand garden and cut flower variety..... .30		3.25
<b>Yellow King.</b> One of the largest of all cactus dahlias. Color light yellow, tinting to cream at the tips, giving it a most pleasing effect ..... .35		4.00

## New Decorative Dahlias

One each of any twelve decorative dahlias for \$3.85

	Each	Doz.
<b>Break O'Day.</b> A delicate clear sulphur yellow, tinting to sulphur white at the tips. A strong vigorous grower and free bloomer with long erect stems..... \$ .40		\$4.25
<b>Harmony.</b> Color mauve rose with golden suffusion, good form and habit of growth..... 30		3.25
<b>Henry Patrick.</b> Large snow white flowers, beautiful form and great substance..... .25		2.75
<b>Hortulanus Witte.</b> Very large, pure white; with good stems, one of the best..... .40		4.25
<b>Jack Rose.</b> Color a rich shade of crimson..... .20		2.00
<b>Jumbo.</b> Deep red, shaded maroon, very free..... .20		2.00
<b>Kitty De La Mare.</b> Producing flowers of medium size of lovely primrose tinged pink color on long stiff stems in the greatest profusion ..... 30		3.25
<b>Marchioness of Bute.</b> White suffused pink, heavily tipped deep cerise. Profuse bloomer..... .25		2.75
<b>Mrs. J. Gardner Cassett.</b> Bright cerise pink, large flowers on long stiff stems..... .25		2.75
<b>Nancy Alden.</b> Light pink, suffused deep pink. The pink shades are clear and the flowers are held erect on long stems. Free bloomer and very early..... .30		3.25
<b>Oregon Beauty.</b> Very bright vermillion cardinal, rich and glistening. Flowers are large on long graceful stems..... .30		3.25
<b>Pink Jack Rose.</b> A pink sport of Jack Rose; a very free bloomer and fine for bedding..... .25		2.75
<b>Queen Mary.</b> The best pink dahlia for all purposes. The size is large to very large, full high center, even up to November when killed by frost. Clear silvery cerise pink. Produces the giant flowers freely on long stiff stems..... .25		2.75
<b>Sylvia.</b> Deep pink, tinting to light pink at the center.... .20		2.00

## New Show or Ball Dahlias

Set of 9 for \$2.00

	Each	Doz.
<b>Carol.</b> A beautiful ball of small size, but beautiful round full form, with quilled petals and clear pink color. Free bloomer on long stiff stems..... \$ .25		\$2.75
<b>Mary Pickford.</b> Large, soft primrose, edged and suffused rose. A strong vigorous grower and free bloomer..... 30		3.25
<b>Mrs. Hartong.</b> Soft bronzy buff, very effective bronze..... .25		2.75
<b>Mrs. Thos. Sharp.</b> A rich golden orange of rather loose formation, but very regular and always full to the center; medium to large size. An extremely profuse bloomer.... .40		4.25
<b>Queen Victoria.</b> Rich golden yellow, quilled petals. A strong grower and profuse bloomer..... .20		2.00
<b>Snow.</b> Pure snow white. This variety is often sold as Storm King ..... .25		2.75
<b>Stradella.</b> Deep purple crimson, early and profuse..... .30		3.25
<b>Tansboro.</b> Crimson shaded maroon, white suffused crimson at base of petals, early and profuse..... .20		2.00
<b>White Swan.</b> Pure white. The standard commercial white ball dahlia. A strong grower and free bloomer..... .20		2.00

## New Century Dahlias

One each of any six of these dahlias for \$1.10

	Each	Doz.
<b>Autumn Century.</b> A fine bronzy variety; large fine form on long stems. Color buff yellow at base of petals shading through amber to red, with an iridescent sheen..... \$ .20		\$2.00
<b>Bronze Century.</b> A magnificent new century of immense size; rich bronzy yellow, produced profusely on long stiff stems ..... .30		3.25
<b>Evelyn Century.</b> Very bright and striking, white, outer half of petals a bright violet cerise making a beautiful white zone around the yellow disc..... .20		2.00
<b>Geisha Century.</b> Yellow and scarlet, very bright and attractive. Strong grower with long stiff stems..... .20		2.00
<b>Gloria Century.</b> Rich yellow, tipped and penciled vivid red; flowers of great substance, on long rigid stems. Very bright and effective..... .20		2.00
<b>Mrs. Joseph Lucas Century.</b> Immense size, beautiful form, produced profusely on good stiff stems. Yellow suffused orange and overlaid salmon pink..... .20		2.00
<b>Rose Pink Century.</b> The largest and best deep pink; enormous flowers on long three foot stems; a sure and continuous bloomer ..... .20		2.00
<b>Yellow Century.</b> A magnificent yellow of largest size, beautiful form and a profuse bloomer on long stiff stems..... .20		2.00

## New Paeony Dahlias

Set of 4 for \$1.00

	Each	Doz.
<b>Alma.</b> Very large; color of American Beauty Rose, and much the same type..... \$ .30		\$3.25
<b>Baron G. De Grancy.</b> A waxy, almost pure white; a flower of excellent type, perfect form and purity of color. The blooms are borne profusely on long graceful stems... 20		2.00
<b>Diemont von Bystein.</b> Large white suffused and shaded blue lilac. Very fine form and a free bloomer ..... .30		3.25
<b>Thos. Walkins.</b> Flowers are large, of beautiful form and coloring. White suffused cerise, heavily shaded and tipped crimson ..... .30		3.25



# The Most Beautiful Lawns in America



Analyzed as to Purity **Druid Hill Park Velvet Green Lawn Grass Seed** Tested as to Germination

**Absolutely the best Lawn Seed Experience Can Suggest, or that Money Can Buy. Will Produce a Beautiful and Permanent Lawn in Four to Six Weeks**

Parcel Post Rates, see Page 2

The most important thing to consider in selecting seed for lawn grass, is to obtain a proper mixture of several varieties, for two reasons: First, each variety is at its best during a certain part of the season. By properly choosing early, medium and late grasses, a smooth, even, green lawn is assured from early Spring to late Autumn. Second, a given area can support only so many grass plants of one kind, for they all absorb the same food, but if several varieties are sown, the same area will support many more plants as different sorts live on various elements in the soil. This will give a much thicker and more luxuriant turf all over the lawn.

Bolgiano's Druid Hill Park Velvet Green Lawn Grass Seed, from yearly comparative trials, has proven to be unsurpassed for first-class and permanent results. This is due to the fact that we use only the very finest varieties of most suitable grasses, thoroughly re-cleaned, free from all chaff and weed seeds.

Bolgiano's Druid Hill Park Velvet Green Lawn Grass Seed contains a well-balanced blend of various American and foreign fine bladed and deeply rooting grasses which has proved to produce the very best results under the varied conditions as to soil and climate met with in America.

Bolgiano's Druid Hill Park Velvet Green Lawn Grass Seed will give a green, smooth, velvety sod with a thick bottom and free from such varieties of common grasses as produce clumps and knots on the lawn, which so frequently spoil the desired smooth and deep effect.

In the beautiful parks and cemeteries in and around Baltimore, where best results must be had in order to produce beautiful and enduring turf, Bolgiano's Druid Hill Park Velvet Green Lawn Grass Seed is used almost exclusively.

Not only is our Druid Hill Park Velvet Green Lawn Grass suitable for making of new lawns, but it will be found equally valuable for quickly renewing imperfect, old and worn-out areas. Always see that the soil is thoroughly prepared, carefully pulverized and enriched with Sheep Manure, Bone Fertilizer or Bolgiano's Hydrated Lime before sowing the seed. A mixture of 75 lbs. Pulverized Sheep Manure to 25 lbs. Bone Lawn Fertilizer sprinkled over the lawn, once every month before the hot dry weather sets in, forms a mulch which protects it during the hot dry season. One pound will sow 20 x 20 feet, 10 pounds will sow 50 x 150 feet, 60 pounds will sow an acre. 30 pounds measures one bushel.  $\frac{1}{4}$  Lb. 15c.  $\frac{1}{2}$  Lb. 25c. Lb. 40c. 3 Lbs. \$1.15. 5 Lbs. \$1.80. Bu. of 30 Lbs. \$10.00.

## Bolgiano's Bone Lawn Fertilizer

The very best fertilizer to use on lawns. It contains a large percentage of raw bone and when used on the lawn in early Spring will give a beautiful green lawn all during the entire Summer and Fall. Stable or chicken house manure should never be used as a top dressing on lawns, as it always contains large quantities of weeds. We have therefore had prepared for us this special lawn fertilizer, which is clean of all weed seeds, free from disagreeable odors and is acknowledged by all that have used Bolgiano's Bone Lawn Fertilizer as being the very best for the lawns. It should be sown broadcast early in the Spring or late Fall, 25 pounds to 300 square feet or 2,000 pounds to the acre. When using less than above described, two dressings should be given each year. Many of the best lawn makers prefer using the one dressing in early Spring. Pkt. 10c. 5 Lbs. 45c. 10 Lbs. 75c. 25 Lbs. \$1.75. 50 Lbs. \$2.25. 100 Lbs. \$3.75. 500 Lbs. \$17.00. 1,000 Lbs. \$32.50. 2,000 Lbs. \$65.00.

## A Good Top Dressing for the Lawn

can be made from the following compost. Apply in September or October: Twelve ordinary garden wheelbarrows of garden loam, 25 pounds hydrated lime, 25 pounds fine ground bone, 50 pounds pulverized sheep manure. Mix in a compost pile for one week, then apply. This mixture will dress a section of 2,000 square feet of lawn.

## Bolgiano's Hydrated Lime

After carefully testing all the different limes we find the Hydrated has given the very best results. It cures the acidity of the soil and produces strong, healthy, green sods. It is a sanitary and helpful fertilizer. Some of the finest lawns and grass plots have been produced by the judicious use of Hydrated Lime. If the ground is showing signs of a green cast or moss, use Hydrated Lime at once to save your lawn from the acidity or sour effect that will accumulate. It is a well-known fact that 100 per cent of the lawns need Hydrated Lime. More than 50 per cent of grass seed sown is wasted on account of the sour condition of the soil. A generous application of Hydrated Lime being used two weeks before seeding time will prove very beneficial. It can be applied in early Spring or late Fall with the very best results. We advise when making new lawns, especially where top soil is being used, to apply very freely Hydrated Lime before seeding. Sow broadcast 25 pounds to 300 square feet or 2,000 pounds to the acre. Price per 50 Lbs. \$1.00. 500 Lbs. \$6.25. 1,000 Lbs. \$11.50.



# Are Made With Bolgiano's Lawn Grass Seed



## Shady Nook Lawn Grass Mixture

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in shade, and as it blends well with our Druid Hill Park Velvet Green Lawn Grass Seed it may be used on those portions of the lawn which are shaded by trees, buildings, etc., thus covering the whole area with a rich green sward.  $\frac{1}{4}$  Lb. 15c.  $\frac{1}{2}$  Lb. 25c. Lb. 40c. 3 Lbs. \$1.15. 5 Lbs. \$1.80. Bu. of 30 Lbs., \$10.00.

## Cloverless Lawn Grass Seed

This excellent mixture contains all the valuable grasses composing our Druid Hill Park Velvet Green Lawn Grass Seed, but it contains absolutely no White Clover Seed.  $\frac{1}{4}$  Lb. 15c.  $\frac{1}{2}$  Lb. 25c. Lb. 40c. 5 Lbs. \$1.80.

## White Dutch Clover

### CROP VERY SHORT

This is the best Clover for lawns, as it forms a close herbage and remains green throughout the season. It is also a very valuable mixture with grass seed for pasture. Sown in the Spring at the rate of 6 lbs. per acre when sown alone; one-half the quantity when sown with other grass.  $\frac{1}{4}$  Lb. 25c.  $\frac{1}{2}$  Lb. 40c. Lb. 75c.

## Pulverized Sheep Manure

This is without exception the very best dressing for lawns. The effect is immediate and lasting. It is the only manure that is absolutely free from weed seeds. It contains no dirt, straw, leaves or bedding of any kind, being secured from the cemented floors of the Chicago stock yards. It is three times stronger than cow manure. Contains nitrogen, phosphoric acid, ammonia and potash in liberal proportions. It is also unequaled as a fertilizer for the vegetable garden, flower garden, house plants, trees, hothouse, etc. It is also dissolved in water and used as a liquid to nourish all kinds of growing plants. Be sure to give it a trial.

2 Lbs. 20c. 5 Lbs. 35c. 10 Lbs. 60c. 25 Lbs. \$1.25. 100 Lbs. \$3.00. 200 Lbs. \$6.00. 500 Lbs. \$14.50. 2,000 Lbs. (in 100-lb. bags) ton \$55.00.

## Lawn Compound

Kills weeds, but not the grass, and makes the sward green and velvety. Destroys Moss, Dandelions, Chickweed, Plantain, Crab Grass and all those weeds having broad, heavy leaves. It also acts as "Lawn Tonic," promoting a vigorous, healthy growth of the grass. 5 Lb. box 65c.

## Special Golf Mixtures

### For Putting Greens

What is needed here is a close, low-growing grass that will stand a lot of tramping and will make a springy, tough turf. After thoroughly experimenting and scientifically testing, we have formulated a mixture that will give the desired results of an ideal putting green. This mixture will grow in most any soil. Please write for prices.

### For Fair Greens

Over the course, where a very close growing sod is not necessary, but where a beautiful, velvety, green grass is wanted, we especially recommend our special mixture for Fair greens. By using this mixture in connection with our special mixture for putting greens you are assured an even, velvety, green golf course equal to the best of lawns. This mixture will thrive well even on poor soil. Please write for prices.

# NITRO-FERTILE



Used by Florists  
and Professional  
Growers

Specially Adapted  
for Use by the  
Home Gardener

THE ODORLESS  
LIQUID FERTILIZER

A scientific combination in liquid form of the three essential elements in plant growth, Nitrogen, Phosphoric Acid and Potash. Nitro-Fertile being a liquid goes straight to the roots, showing results in from three to ten days. Flowers treated with Nitro-Fertile take on a healthier glow and develop to maximum size and quality. Shrubbery attains complete growth. Vegetables mature more fully and more quickly. Lawns scanty at the start, become thick and velvety. Mix two tablespoons of Nitro-Fertile with one gallon of water (one gallon to 120 gallons of water) and pour around the plants, soaking the soil thoroughly.

Lawns. Every three weeks during the late Spring and Summer sprinkle the lawn thoroughly with the mixture of water and Nitro-Fertile. During the dry season of July and August Nitro-Fertile will reduce the necessity for nightly watering with the hose.

Pt. 35c. Qt. 60c.  $\frac{1}{2}$  Gal. \$1.00. Gal. \$1.75.





# Fertilizers for the Farm, Garden and Lawn

We present a list of our brands of Fertilizers. You cannot judge the merits of a Fertilizer, only by the analysis, but you must have a knowledge of the basis from which it has been made.

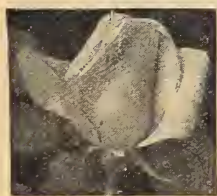
It is a well-known fact that the animal waste products produced in the abattoirs give the purest and most available basis for Ammonia and Phosphoric Acid. This is the basis of our goods. The company that manufactures our Fertilizers own and control a sufficient number of abattoirs, independent of the meat trust, to secure for our goods this unexcelled source of our plant food. The expense is almost as much working and reaping one-half a crop as it would be harvesting a full crop which a good fertilizer would help to produce.

The four columns in the Analysis represent the following ingredients respectively: Ammonia, Phosphoric Acid, Potash, Bone or Phos. of Lime.

	Analysis	Ton	½ Ton	500 Lbs.	100 Lbs.	50 Lbs.	25 Lbs.
Potato Guano .....	7-6-5	\$65.00	\$32.50	\$17.25	\$3.70	\$2.00	\$1.15
High-Grade Trucker .....	5-8-5	56.00	28.00	15.00	3.25	1.90	1.10
Early Truck and Vegetable Grower.....	4-8-5	45.00	22.50	12.00	2.75	1.75	1.00
Bull Head Fertilizer.....	3-8-3	38.00	19.00	10.50	2.25	1.50	1.00
Corn and Cereal Special.....	2-8-2	31.00	15.50	8.75	2.00	1.25	.75
Dissolved Organic Compound.....	1-9-3	28.00	14.00	8.00	1.75	1.00	.60
Sure Grower .....	1-8-1	25.00	12.50	7.25	1.65	.95	.55
Crop Producer .....	1-10-0	26.00	13.00	7.50	1.75	1.00	.75
Pure Raw Bone Meal.....	4½-0-0-48	63.00	31.50	17.50	3.75	2.25	1.25
Pure Ground Bone.....	3-0-0-50	54.00	28.50	16.35	3.50	2.00	1.15
Acid Phosphate .....	0-14-0	16.00	8.00	4.75	1.15	.65	.40
Acid Phosphate .....	0-16-0	17.00	8.50	5.30	1.25	.75	.45

Nitrate of soda market fluctuates, please write for our lowest prices.

## Blood Meal—for Roses



Rose growers have learned in the past few years that Blood Meal is one of the most valuable fertilizers for Roses. It contains the proper plant food that Roses require, both for the growing of new wood and blooms. If you will use Blood Meal several times during the season, you will always have an abundant supply of blooms until late Fall.

It is well to remember that all plants require the proper amount of food if they are to do their best, and after carefully studying the requirements of Roses, we can recommend Blood

Meal to be the very best.

A tablespoonful to be sprinkled around the Rose Bush, about one inch away from the Bush, every two weeks. It is also very valuable as a top dressing in the vegetable garden, flower garden, around house plants, trees and in hot houses. 1 Lb. 10c. 3 Lbs. 25c. 5 Lbs. 40c.

## BEAUTIFUL FLOWERS, DELICIOUS VEGETABLES, LUXURIANT HOUSE PLANTS

All these Pleasures are Assured if You Use **BON-ARBOR**, the Ideal Food and Tonic for Household Plants and Home Flower and Vegetable Gardens—Clean, Safe, Odorless, Effective.



**Bon-Arbor** is immediately soluble in cold water, therefore all the properties are available to plant life from the moment of application. It is quick in action, enabling you to see its effects in from 3 to 10 days on any quick growing plants, vegetables and lawns, and on slower growing plants in a proportionate time. It being complete food, containing Nitrogen, Potash and Phosphoric Acid in sufficient quantities, will sustain growth it makes.

### BON-ARBOR Is Put Up As Follows:

½ Lb. package, making 15 gals., by mail postpaid..... 35c  
1 Lb. package, making 30 gals., by mail postpaid..... 60c

## STIM-O-PLANT

PLANT STIMULANT TABLET

Growers of fine flowers, shrubs and vegetables for the best markets and for exhibition, fertilize and stimulate them frequently, a little at a time. An excellent fertilizer for this purpose is Stim-U-planT, an odorless, highly concentrated plant-food, in tablet form, with guaranteed chemical analysis of 11 per cent nitrogen, 12 per cent phosphoric acid, 15 per cent potash. The proportions are accurate, there is no wasted filler, and in this form you apply plant-food exactly when and where and as needed.

## Make Your Garden a Wonder Garden

These tablets increase production, heighten color and improve quality immediately. Many professional and amateur growers use them extensively all the year round—from early spring until late fall outdoors, during the winter for pot plants, hot-house benches, etc. They are as fine for evergreens and other trees as for all garden and potted plants.

### Easy to Use

Simply insert tablets in soil near plants, or dissolve in water at the rate of four tablets to the gallon and apply as liquid manure. Complete directions with every package.

Order Stim-U-planT tablets with your seed and plant order. Price, Trial size, 15c, small size, 25c, 100 tablets, 75c, 1,000, \$3.50.

### Melons

Kindly send us by mail another 5,000 Stim-U-planT tablets. We have used them with good results on our cantaloupes, hills yielding 7 to 9, weight 3 to 4½ lbs.

### Roses

Upon recommendation of a friend who had used Stim-U-planT tablets, I placed ten tablets in the ground surrounding a large bed of roses which during the previous season had done very poorly. The result was remarkable. The foliage never looked so well nor the roses so large and beautiful. I will use Stim-U-planT very generally throughout the garden this spring.

Mrs. R. W. Macdonald, Montclair, N. J.

### Window Boxes

I have been using Stim-U-planT tablets in solution in my window boxes according to instructions on your circular, and must say that the effect has been astonishing. Although the plants were healthy and in good soil, I have never seen blossoms in such quantity and quality. They are mostly petunias and are now over two feet high and a mass of color and buds.

Reginald Barrett, New York City.





Enormous Crops of Hay are Produced from Bolgiano's "Monumental" Brand Alfalfa Seeds



## Bolgiano's "Monumental" Brand Field Seeds

REPRESENTS THE BEST SEED OBTAINABLE BOTH AS RESPECTS PURITY AND GERMINATION. YOU ARE ALWAYS SAFE WHEN YOU ORDER "MONUMENTAL" BRAND FIELD SEEDS

*Owing to the new crop not being on the market when this catalog goes to press, we are unable to make prices on a number of items. We ask, therefore, that you kindly write us for prices. All prices subject to market changes*

POSTAGE EXTRA AND MUST BE INCLUDED WITH REMITTANCE. PARCEL POST TABLE SEE PAGE 2

### Mixtures for Permanent Pastures—But Can Be Mown

25 Lbs. or Over at 100 Lb. Rates

- Mixture No. 1. For Light, Dry, Gravelly or Sandy Soils. Sow 30 to 35 lbs. to the acre. Lb. 25c. 10 Lbs. at 23c lb. 100 Lbs. at 20c per lb.
- Mixture No. 2. For Good Loam Soil. Sow 30 to 35 lbs. to the acre. Lb. 25c. 10 Lbs. at 23c. 100 Lbs. at 20c per lb.
- Mixture No. 3. For Heavy Loam or Clay Soil. Sow 30 to 35 lbs. to the acre. Lb. 25c. 10 Lbs. at 23c lb. 100 Lbs. at 20c per lb.
- Mixture No. 4. For Moist Bottom Land. Sow 25 to 30 lbs. to the acre. Lb. 25c. 10 Lbs. at 23c lb. 100 Lbs. at 20 per lb.
- Mixture No. 5. For Wet Bottom Land. Sow 25 to 30 lbs. per acre. Lb. 25c. 10 Lbs. at 23c. 100 Lbs. at 20c per lb.

### 1128 Alfalfa Seed

Alfalfa Yields Splendidly Throughout the South, Yielding 4 to 6 Cuttings Per Year, Increasing Yield Each Successive Year

The requirements to obtain good stands and good crops is to sow in good, rich soil and give thorough preparation. A heavy application of lime is of decided benefit—2,000 to 5,000 lbs. per acre. Alfalfa is usually sown broadcast at the rate of 20 to 30 lbs. to the acre. March and April are the best months for seeding in the Spring, and the latter part of August and during September the best in the Fall. Our Alfalfa seed is the highest grade, strong germinating seed of the best and cleanest quality it is possible to procure.

Price "Monumental" Brand Fancy Seed, Bu. of 60 lbs. \$12.00. "Silver" Choice Alfalfa Seed, Bu. of 60 lbs. at \$11.70. Prices fluctuate. Write us for market prices.

### Medium Red Clover

For hay, it is particularly well adapted for sowing with Orchard and Tall Meadow Grass, as it ripens at the same time, and sowing these three grasses together will give larger yields and better quality hay than sowing either alone. It is also largely sown with other grasses, both for hay and pasturage.

When sown by itself, sow 10 to 12 lbs. to the acre, either in the Spring or Fall or at the last working of Corn. Price: "Monumental" Brand Fancy Red Clover Seed, Bu. of 60 lbs. \$13.80. "Silver" Brand Choice Seed, Bu. of 60 lbs. \$13.20. Prices fluctuate.

### Mammoth or Sapling Clover

It is a good variety for thin soils or to seed with Timothy, Meadow Fescue, Herd's Grass or Red Top, as it matures about the same time as these grasses. Sow 10 to 12 lbs. to the acre when sown alone. When sown with Timothy use 6 lbs. Sapling Clover and 8 lbs. Timothy to the acre. Price: "Monumental" Brand Fancy Bu. of 60 lbs. \$14.40. "Silver" Brand Choice Seed, Bu. of 60 lbs. \$13.80.

### Mixtures for Mowing for Hay—But Can Be Grazed

25 Lbs. or Over at 100 Lb. Rates

- Mixture No. 6. For Light, Dry, Gravelly or Sandy Soils. Sow 30 to 35 lbs. to the acre. Lb. 25c. 10 Lbs. at 23c lb. 100 Lbs. at 20c per lb.
- Mixture No. 7. For Good Loam Soil. Sow 30 to 35 lbs. to the acre. Lb. 25c. 10 Lbs. at 23c lb. 100 Lbs. at 20c per lb.
- Mixture No. 8. For Heavy Loam or Clay Soil. Sow 30 lbs. to the acre. Lb. 25c. 10 Lbs. at 23c lb. 100 Lbs. at 20c per lb.
- Mixture No. 9. For Moist Bottom Lands. Sow 20 to 25 lbs. per acre. Lb. 25c. 10 Lbs. at 23c lb. 100 Lbs. at 20c per lb.
- Mixture No. 10. Shady Nook Meadow Mixture. Like our Shady Nook Lawn Mixture, this mixture is specially prepared for good loamy soil in partially shady situations. A fine permanent pasture mixture, yields large crops of hay. Sow 30 to 35 lbs. to the acre. Lb. 25c. 10 Lbs. at 23c lb. 100 Lbs. at 20c per lb.

### 1132 Alsike Clover

When sown with other grasses it forms a quick undergrowth and greatly increases the yield. It is well adapted for sowing with Red Clover, Timothy, Herd's Grass, as it matures with these grasses, but flowering a little later than Red Clover. Price: "Monumental" Brand seed, Bu. of 60 lbs. \$13.20. "Silver" Choice seed, Bu. of 60 lbs. \$12.60.

### Crimson Clover Seed

May be planted in the Spring, Summer or Fall. Splendid for reseeding Red Clover that has been Winter killed. Sow 15 lbs. to the acre. Price: "Monumental" Brand, Lb. 22c. Bu. of 60 lbs. \$12.00. Write for latest market prices.

### 1133 White Clover

Sow in either Spring or Fall. When sown by itself, at the rate of 5 to 10 lbs. per acre. It is better, however, sown in mixture with other grasses. Price: "Monumental" Brand Fancy, 1/4 Lb. 25c. 1/2 Lb. 45c. Lb. 75c.

### 1113 Japan Clover

Sow at the rate of 10 lbs. per acre, in March or April. Write us for latest market prices.

### 1205 White Blossom Sweet Clover or Bokhara

(Hulled.) Melilotus Alba. Sweet Clover is especially valuable for building up worn-out soils and grows almost anywhere except in acid soils. Sweet Clover is a legume, having the same bacteria on its roots that grow on Alfalfa. Sow 15 to 20 pounds per acre. "Monumental" Brand, 15c Lb. Bu. 60 Lbs. \$7.20.

### 1268 White Blossom Sweet Clover or Bokhara

(Unhulled.) Write for lowest prices.

### 1304 Hubam White Blossom Sweet Clover

An annual variety of White Sweet Clover which has just recently come into prominence. Write us for lowest prices.





### Tall Meadow Oat Grass

Sown alone use 2 to 3 bushels to the acre, either Spring or Fall. Sown in mixture, use 1 bushel (11 lbs.) Tall Meadow Oat Grass, 1 bushel (14 lbs.) Orchard Grass and 8 lbs. Red Clover. It gives the very best results when sown with Clover. By adding 6 lbs. of Red Top or Herd's Grass to the mixture the grazing will be materially increased. Price: "Monumental" Brand Fancy, Lb. 30c. \$3.30 Bu. of 11 lbs.

### 1120 Canada Blue Grass

Canadian Blue Grass does not thrive when planted with Clover. Red Top and Orchard Grass are the best for mixing with it to grow on inferior soils. On good land it becomes tall enough for hay, and as it shrinks very little in drying the hay is heavy for its bulk. Grows from one to two feet high. Sow 30 lbs. of seed to the acre. Price: "Monumental" Brand Seed, Lb. 30c. Pk. \$1.00. Bu. of 14 lbs. \$3.50.

### 1118 Kentucky Blue Grass

Blue Grass requires about two years to get well started and for that reason it is often sown in mixture with other Grasses. It will do well on almost any land, but does best on well drained clay land. Sow in the Fall or Spring at the rate of two or three bushels per acre. Price: "Monumental" Brand Seed, Lb. 40c. Pk. \$1.50. Bu. of 14 lbs. \$5.55. "Silver" Choice \$5.25.

### 1111 Red Top or Herd's Grass

Our Monumental Brand of the Fancy Cleaned Red Top is of extra fine quality, and carefully cleaned from impurities. We can also furnish the Choice and Prime Fancy Red Top as usually sold. It requires about 8 to 10 pounds to seed an acre of the Fancy Clean seed. When sowing with Timothy, sow 6 pounds of the Fancy Clean seed and 8 pounds Timothy per acre. It can be sown either in the Spring or Fall. Price: "Monumental" Brand Fancy Seed, Lb. 30c. 10 Lbs. or over at 27c. "Silver" Choice, 10 Lbs. or over at 25c. lb. Prices fluctuate; latest prices quoted upon application.

### 1122 Meadow Fescue, Randall or English Blue Grass

Sow either in the Spring or Fall at the rate of 2 bushels to the acre if sown by itself. When sown with Red Top or Timothy sow 1 bushel (14 lbs.) Meadow Fescue, 5 lbs. Fancy Clean Red Top and 6 lbs. Timothy per acre. Sown for grazing mixture with Orchard and Tall Meadow Oat Grass, add half a bushel each of these two Grasses. Write for lowest prices.

## Millets

### 1125 German or Golden Millet, Southern Grown

Makes a large yielding and most nutritious hay crop, quick growing and easily cured. Should be sown at any time between the middle of May until the end of June at the rate of 1 bushel per acre. It matures a crop in 6 to 8 weeks after seeding. Cow Peas sown with German Millet makes fine hay. Sown in this way, it should be sown with some quick maturing variety of Cow Peas and should be sown at the rate of three pecks of Millet and one bushel of Cow Peas to the acre. "Monumental" Brand Fancy Southern Millet. Write for prices.

### 1126 Hungarian Millet

Hungarian Millet does not grow so coarse as some other varieties, but still yields quite heavily, from two to four tons of hay to the acre being an ordinary crop. Hay is quite leafy, of very fine quality. Should be sown at any time between the middle of May until the end of June at the rate of one bushel per acre. "Monumental" Brand. Write for prices.

### 128 Tennessee Cultivated Golden Millet

This variety is extensively used throughout the United States, as they find it more nutritious in value for feeding. It is sown at the same time and at the same rate per acre as the common Millet. "Monumental" Brand, \$2.50 per bushel.

### 1207 Japanese Millet

15 lbs. to acre broadcast. 10 to 12 lbs. in drills 12 inches apart. Cultivate until 18 inches high when its rapid growth will smother all weeds. It does best on low moist ground. "Monumental" Brand, 10 Lbs. 70c. 100 Lbs. \$6.00.

### 1170 Pearl or Cattail Millet

It is largely used by dairymen. It furnishes them green food throughout the Summer. Should not be planted before May in warm soils, as it is a

### Orchard Grass

It makes excellent hay, and gives the very best results mixed and grown with Tall Meadow Oat Grass and Red Clover. It should be cut when in blossom, as the hay is injured if the seed is allowed to ripen. It can be sown in the Spring or Fall, either with grain or alone. Sow two bushels per acre if sown alone, or with Red Clover, one and one-half bushels of Orchard Grass and eight pounds of Clover are the quantities usually sown. Price: "Monumental" Brand, Lb. 17c. Bu. of 14 lbs. \$2.10. "Silver" Choice \$1.75 per Bu.

### 1117 Timothy

Clovers grow well with Timothy and aid it by supplying nitrogen. Timothy alone a peck (11 lbs.) to the acre, or with Clover 10 lbs. Timothy and 6 lbs. Clover. A splendid mixture is 8 lbs. Timothy, 6 lbs. Clover (either Mammoth Clover or Alsike Clover preferred, as they mature at the same time as Timothy), 6 lbs. Fancy Red Top, ½ bu. Meadow Fescue. Together these will produce most excellent hay, also nutritious and abundant pasture in good loamy clay or low ground soils; 8 lbs. Timothy and 6 lbs. Clover when sown together. Prices: "Monumental" Brand, 10c lb. Pk. \$1.00. Bu. of 45 lbs. \$3.75. "Silver" Choice \$3.60. Market fluctuates.

### Sudan Grass

It is the universal opinion of those who have grown it that it is destined to make one of the very best ensilage crops known. It would be even better when grown with Soy Beans or Cow Peas, as this combination would make an enormous yield of ensilage that would be very palatable and well balanced. When seeded in rows 18 to 20 inches apart, drill 4 to 6 lbs. When sown broadcast 16 to 24 lbs. per acre. Lb. 30c. 10 Lbs. at 28c. 100 Lbs. at \$27.00.

### Timothy and Alsike Clover Mixed

For hay, the Alsike and Timothy Mixture is very valuable on soils too moist for Red Clover. Alsike is suitable for either hay or pasture. It is finer and more leafy than Medium Red Clover and cattle prefer it. "Monumental" Brand, 15c lb. 50 Lbs. or over at 13c lb.

tropical plant and grows to the best advantage in warm weather. Sow 5 lbs. per acre, in drills 3 feet apart, or broadcast at the rate of 20 to 30 lbs. per acre. Lb. 15c. 100 Lbs. 13c Lb.

### Bolgiano's Rye Grasses for Spring Planting

#### 1121 English or Perennial Rye Grass

Produces an abundance of foliage, which remains bright and green during the season. The hay is relished by all kinds of stock. It will grow well on almost any land. When sown by itself sow 30 lbs. per acre either in the Spring or Fall. Price: Lb. 18c. 100 Lbs. \$16.00.

#### 1249 Pacey's Short Seeded Perennial Rye

Specially suited for fine lawn mixture, extensively used on the beautiful lawns in England. It makes a quick leafy growth of fine texture. 20c Lb. 100 Lbs. \$18.00.

#### 1172 Italian Rye Grass

It is less wiry than Perennial Rye Grass and is particularly well adapted to the soils and climate of Florida, where it is sown very extensively in the Fall and Winter for lawn purposes. About 24 lbs. of seed to the acre. Price: "Monumental" Brand, 18c Lb. 100 Lbs. \$16.00.

### Sow Scarified Seed and Increase Your Yield

We will Scarify your Sweet Clover or Alfalfa for one cent per pound above our list prices

Have your seed scarified and practically all of them will grow. The scarifying is done by a machine specially built for the purpose of scarifying the hard outer coating of the seed, thereby allowing the moisture to penetrate quicker, producing a more rapid and complete germination. The extra cost of scarifying is more than made up in the large increase in yields obtained.



## Cow Peas

Please Write For Latest Prices

**1175. Mixed Cow Peas.** We strongly recommend sowing Mixed Cow Peas as a soil improving crop. The upright growing varieties holding up the vining varieties; they will make a much better growth and give more satisfactory results.

**1159. New Era.** This new extra early Cow Pea is unquestionably one of the most valuable varieties in cultivation. It is quicker in growth than any other Cow Pea in cultivation; makes a very large growth of vine and very prolific yield of Peas.

**1162. Black Cow Peas.** Seed medium sized and Black. Vines trailing. Seed matures early.

**1163. Clay Peas.** Seeds medium sized and cream colored. Vines grow tall and erect. Seed matures medium late.

**1164. Whip-Poor-Will.** Vines erect. Seed large and mottled red, and white and matures early. Good to grow between Corn.

**1166. Wonderful or Unknown Pea.** Seed medium sized and buff. Vines erect if planted late, trailing if planted early. Seed matures late.

**1208. Shinney Pea.** Very popular, seed large, mottled white and red, early maturing, erect vines.

**1168. Black Eye.** Vines erect. Seeds medium sized and white, matures medium late.

**1190. Red Rippers.** Red seeded, resembles Black Cow Peas in growth of vines, but 10 days earlier and more prolific.

**1241. Gray Crowders.** Vine trailing, seed large and mottled gray and blue. Matures medium late.

**1271. Groit.** A fine, new, early maturing Cow Pea, somewhat resembling New Era in appearance and size of seed, but makes a larger growth. Very highly recommended as an early maturing, large-yielding variety.

**1305. Brabham Peas.** This is a cross between the Whip-Poor-Will and Iron varieties. It is especially valuable in that it partakes of the good characters of both parents.



New Era Cow Peas—43 Days After Planting

## Soja Beans

PLEASE WRITE US FOR LOWEST PRICES

**1242. Mammoth Yellow.** The largest growing and most popular Soja Bean for forage purposes, although a little later in maturing than other varieties.

**1243. Tar-Heel or Mammoth Black.** Slightly earlier than Mammoth Yellow and produces about same amount of forage.

**1244. Mammoth Brown.** Matures slightly earlier than Mammoth Yellow and produces about one-third more forage.

**1246. Wilson Black.** Very small seed, matures in about ninety days, can be grown in the Northern States where an early variety is desired.

**1306. Virginia.** About 20 days earlier than the Mammoth Yellow. The vines make a fine growth, are filled with pods, stand about 3 feet high, are easy to cut and easy to cure.

## Seed Oats

PLEASE WRITE US FOR LOWEST PRICES

**1156. Burt or 90-Day Oats.** The earliest, most prolific and surest cropping of Spring Oats; far superior to an ordinary Spring or rust-proof Oats for Spring seeding. Wherever this Oat is grown it comes into great favor.

**1161. Virginia Gray Winter or Turf Oats.** When sown early, before the Middle of March, these Oats will far outyield the ordinary Spring Oats, making a larger crop and heavier grain.

**1157. White Spring Oats.** This is the variety most generally sown throughout the North and West, and is also so largely grown in this section, although the newest varieties offered by us are decidedly preferable, both as to yield and reliability of cropping.

**1272. Appler Oats.** The Appler Oat is equally adapted for sowing both in the Spring and in the Fall, but when sown in the Spring should be sown before the middle of March. It is a strong, quick growing Oat, bunchy head and heavy grain. One of the best and most reliable Rust-Proof Oats for the South.

**1274. Montana or Swedish Oat.** These Oats originally imported from Sweden are very large, white, plump and heavy grained and yield enormous crops. The straw is coarse and is noted for its stiffness and power to withstand lodging and is a great drought resister.

## Dwarf Essex Rape

It is a pasture plant which must be eaten off by any kind of live stock, but it is pre-eminently fitted to furnish pasture for sheep, cattle and swine. Under favorable conditions Rape is ready for pasturing sheep or cattle within 6 weeks from the time of sowing, and on an average one acre will carry from 12 to 15 sheep six weeks to two months.

For continued hog pasture sow Rape early and at successive intervals. It may well follow any grain crop and is always splendid to plow under for green manure. Sow 5 lbs. per acre broadcast. 2 to 3 lbs. per acre in drills. 10c Lb. 10 Lbs. at 9c. 100 Lbs. \$5.00.

### Flax

**1194. Flax.** When grown for seed, sow one bushel to acre; if fibre is wanted, 2 to 3 bushels. Prices fluctuate. Please write for lowest prices.

### Canada Field Peas

**1165.** Here is a crop which is not only profitable, but will return to the land the much needed nitrogen. Peas are second only to Clover in their soil enriching properties and can be grown under almost any condition of soil or climate. There is always a ready market for Peas, or they can be profitable ground and fed to the stock. The vines make rich, nutritious hay. If fed to milch cows, when in a green state, pods, vines and all, the flow of milk will be almost doubled.

Sown in January, February or early March. Pk. \$1.50. Bu. \$5.50.

### Buckwheat

**1160. Japanese Buckwheat.** It has the advantage of remaining for some time in bloom and produces seed earlier. It resists drought and blight very well. As much as 40 bushels to the acre have been harvested, making it very profitable to raise. Sow 1 bushel per acre. Pk. 50c. Bu. \$1.50. Please write us or latest prices.

**1178. Silver Hull Buckwheat.** A prolific and favorite sort, making a fine quality flour. A superior variety in every way to the ordinary Buckwheat, which it has almost entirely superseded. Please write us for latest prices.

### 1135 Spring Rye

Produces 30 to 40 bushels of grain per acre. As it does not stool like Winter Rye, not less than two bushels to the acre should be sown. Please write for prices.

### 326 Long Yellow Cow-Horn Turnip

They can be fed to the stock as they are needed and the rest allowed to remain in the ground and rot, having a valuable fertilizing property. They grow nearly half out of the ground and are carrot-like in form. Sow two pounds of seed to the acre, broadcast. Pkt. 5c. Oz. 10c. ¼ Lb. 20c. Lb. 50c. 5 Lbs. at 45c.

### Mammoth Russian Sunflower

**1211.** Sunflower has proved to be the best paying crop of anything that has been planted during the last two years. Sow in March to July, 5 to 10 lbs. per acre. Plant with Corn drills in rows 3 to 3½ feet apart and thin to 1 plant every 18 to 22 inches, cover very lightly, not over 2 to 2½ inches, the less the better. Write for prices.

### 1209 Beardless Spring Barley

It makes a quick growing crop of most excellent and nutritive green feed and is growing in popularity wherever it is used, and will also make a good grain crop, although its principal value is as an early nutritious forage crop, either to feed green or cure as hay. Sow 1½ to 2 bushels per acre. Please write us for market prices.

### 1149 Hairy Vetch (Vicia villosa)

Not only does it produce an enormous amount of very valuable feed, but it at the same time restores to the soil a great amount of fertility, which is so much needed. 50 to 60 pounds of seed required to the acre. "Monumental" Brand, Lb. 30c. 10 Lbs. at 25c Lb. 100 Lbs. at 23c Lb. Write us for latest market prices.

### Spring Vetches or Tares

**1150.** Closely associated with Peas in character. Used for the same purpose as Hairy Vetch, but must be planted in the Spring wherever the Winters are severe, as this variety is not so hardy as Hairy Vetch. Highly valuable for soiling or for green manuring. Sow alone 70 to 90 pounds per acre, and if with Oats 60 pounds of Vetch and 40 pounds of Oats. Sow in Spring while the ground is cool and moist or in early Autumn. "Monumental" Brand, Lb. 10c. 10 Lbs. at 9c. 50 Lbs. at 8c. 100 Lbs. at 7c. Write us for latest market prices.

### Oregon Vetch

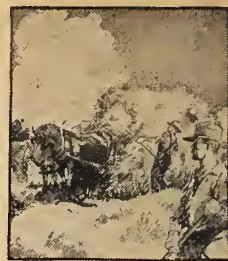
**1275.** Same as Spring Vetch, but owing to its hardiness is known as Oregon or Winter Vetch. It can be planted in the Fall in all of the Southern States as well as in the Spring with results about the same as Hairy Vetch. Sown alone, sow 70 to 90 pounds per acre. Sown with Oats, sow 60 pounds Vetch and 40 pounds Oats. "Monumental" Brand, Lb. 10c. 10 Lbs. at 9c. 50 Lbs. at 8c. 100 Lbs. at 7c.





Inoculate Your  
Alfalfa, Clovers, Cow Peas, Soy Beans, Vetches  
and  
Other Legume Crops  
WITH  
**Mulford Cultures**  
FOR LEGUMES

Small Cost      Large Returns      Easy to Use      No Labor Expense



Mulford Cultures contain pure, tested strains of active, vigorous nitrogen-fixing bacteria, for inoculating seeds of legumes or soil.

Mulford Cultures are scientifically prepared and tested with the utmost care and skill. Enormous numbers of these very valuable and desirable bacteria are thus available to you in every package of Mulford Culture and may readily be applied to your seed. The sealed bottle insures purity.

Legumes offer the best known means of maintaining soil fertility and rejuvenating over-cropped and worn-out fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat, cotton, corn and other non-legume crops.

The U. S. Department of Agriculture and many State Agricultural Experiment Stations recommend inoculation of legumes with nitrogen-fixing bacteria to induce a prompt "catch" and increase your yield.

Mulford Cultures are prepared for:

ALFALFA	ALSIKE CLOVER	VETCH	LIMA BEANS
CRIMSON CLOVER	BURR CLOVER	VELVET BEANS	LESPEDeza
SWEET CLOVER	COW PEAS	SWEET PEAS	BEGGAR WEED
RED CLOVER	SOY BEANS	GARDEN PEAS	and others
	PEANUTS	GARDEN BEANS	

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

<b>PRICES:</b>	5-Acre Size, \$5.00.....	(Dollar per Acre)
	1-Acre Size .....	\$1.50
	1/4 Acre Size .....	.75
	Small Size (Supplied only in four varieties, for Garden Peas, Garden Beans, Lima Beans and Sweet Peas) ..	.35

(These prices include delivery on freight shipments)

FREE DESCRIPTIVE FOLDER SENT UPON REQUEST



Alfalfa plant on left not inoculated. Plant on right inoculated with Mulford Culture for Alfalfa. All other conditions identical. This contrast speaks for itself.

# FARMOGERM

## A SEED AND SOIL INOCULANT

### That Increases Crop Production and Greatly Improves the Soil



Roots like this mean bigger yields—better soil.

Soil and crop experts agree that for best growth, and to put atmospheric nitrogen in the soil, it will pay all farmers to inoculate all legumes, even where they are at present successfully grown. The cost is trivial when compared with the profit it will bring you. Legumes are clovers, peas and beans, alfalfa, soy beans, vetches, and other plants that grow their seeds in a pod. Their roots are the home of bacteria that draw fertility-building nitrogen from the air and store it in swellings on the roots, called nodules. These nodules not only feed nitrogen to the crop they are on, but rot away in the ground and supply valuable nitrogen to the soil for future bumper crops of corn, wheat, cotton, oats, fruits, etc.

### ECONOMICAL—EASY TO USE

The 1-A size bottle will inoculate: Clovers 15 lbs., alfalfa 20 lbs., Canada field peas 100 lbs., vetch 60 lbs., soy beans 75 lbs.; other sizes in relative proportion. Place seed in a pile, fill bottle with water, add a little sugar, shake and moisten seeds; when dry, plant in usual way. This is infinitely easier, safer and better than the old laborious soil transfer method.

We have a special composite culture for garden peas, beans and sweet peas; ask for No. 5, 50c, and you will insure large, luscious peas and beans, and abundant sweet pea blossoms of wonderful coloring.

When ordering, be sure to specify the kind of seed you wish to inoculate.

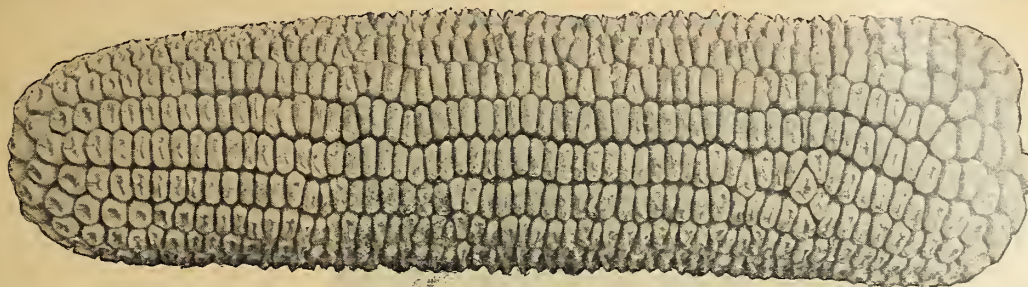
Prices: No. 5, 50c; 1-acre size, \$1; 3-acre, \$2.50; 12-acre, \$9. Full directions accompany each bottle.



Seed Corn Weight by Parcel Post.  
Pts. 1 Lb., Qts. 2 Lbs., 4 Qts. 6 Lbs.  
Pk. 11 Lbs.

## Seed Corn

Parcel Post Charges Extra and  
Must Be Included with Remittance  
Parcel Post Table See Page 2



## 1141 Bolgiano's Wonderful Prosperity Yellow Dent Corn

**Has Yielded of Shelled Corn 160 Bushels Per Acre Average Yield  
10 Years on About 100 Acres 125 Bushels Per Acre**

If you really want to grow a bumper crop of beautiful Yellow Dent Corn this year, just take our advice and plant Bolgiano's "Prosperity" Corn. Large kernels, well developed over tip and butt. It is a luxuriant grower, from 12 to 15 feet high, and if planted during the first half of May, will mature before the 20th of September. For more than a score of years "Prosperity Corn" has been under the most watchful breeding and selection; the magnificent results more than pay for every effort put forth. The yield has been miraculous, 160 bushels or more of shelled Corn per acre, and it has even averaged on a number of acres planted the same year 183 bushels shelled Corn per acre. During a continuous test of 10 years on about 100 acres it has averaged 125 bushels shelled Corn per acre. Is it any wonder we have called such a wonderful Corn "Prosperity"? "Prosperity" is undoubtedly the most attractive, the largest, the finest, the greatest yielding Yellow Dent Corn ever produced. Pk. \$1.00. Bu. \$3.50.

1138. **Long's Prolific.** The climax of 25 years of Corn breeding and selection by Mr. I. S. Long. Pk. 85c. Bu. \$2.75.

1140. **Reid's Yellow Dent.** This is a splendid Yellow Dent variety with 18 to 24 rows of kernels on an ear. The cob is small and red and the grains are very close together, so there is scarcely any room between the rows. Reid's Yellow Dent has been awarded more prizes at Corn shows than any other variety except "Prosperity." The ears average 8 to 10 inches long. The stalk is very heavy and is not easily blown down. It matures in 100 days and is a heavy yielder in the Middle and Southern States. Pk. 85c. Bu. \$2.75.

1143. **Improved Leaming Corn.** Its extreme earliness and fine quality has made it very popular with the farmers, and especially with those in the localities where the seasons are short. It produces from 65 to 90 bushels to the acre, in accordance with the quality of the soil. The ears and grains are of medium size. Pk. 85c. Bu. \$2.75.

1139. **Mammoth Golden Beauty Corn.** Has the largest ears of any 100-day Corn. It outyields many other Corns. The increased yields repay the seeds many times over. Growers should make sure of getting the largest yield and most handsome grain to meet competition and secure the highest prices. Ears usually averaging from 9 to 12 inches long. Pk. 85c. Bu. \$2.75.

## White Varieties of Seed Corn

1299. **Eureka Ensilage Corn.** The very best Silo Corn on the market. For many years we have used great care in the selection of our seed, which will give a large amount of fodder, 3 or 4 long, slender ears of Corn to the stalk. Grows to a height of 15 feet. Can be sown in hills or planted in checked rows. It is a very rapid grower and can be grown throughout the United States with wonderful success. Growers should not miss planting this special variety of ours for their Silo Corn. Pk. 85c. Bu. \$2.75.

1145. **"Hickory King" White Corn.** So large are the grains and so small the cob that on an ear broken in half a single grain will almost cover the cob section. Of a strong growth, the stalks take a firm hold in the ground and stand upright, resisting severe storms. It yields splendid crops on light soils, and is undoubtedly the best and most productive White Field Corn for the South. Pk. 85c. Bu. \$2.75.

1148. **Bolgiano's Cuban Giant Ensilage Corn.** We have thoroughly tested the Cuban Giant beside all large white grain ensilage varieties. Grains are pure white, very large, broad and long. Of stronger vitality than any other variety. It is the best milk producer of all ensilage Corns, being as sweet as Sugar Corn. Outyields the Red Cob Ensilage and is 10 to 12 days earlier. Pk. 85c. Bu. \$2.75.

1214. **Evergreen Broom Corn. Improved.** An excellent variety; is a good length, fine, straight and has a green appearance when ripe, and sells at the highest market price. Sow in drills three feet apart and thin out to three inches. Sow 5 pounds per acre. Lb. 15c.

1215. **Collier's Excelsior White Corn.** We believe this to be the best all around White Corn in existence. It is a heavy yielder; has large ears, deep grain, small cob and produces good-sized fodder, free from barren stalks. Matures in 110 to 115 days. Pk. 85c. Bu. \$2.75.

1054. **Red Cob 90-Day Corn.** This Corn meets a long felt want, because it can be used as a roasting ear Corn and when fully matured makes a first-class Crop Corn for feeding stock. The ear is large, handsome, suits for an early crop or for a late crop, because it matures in 90 days. This makes it always a safe and profitable crop. Pk. 85c. Bu. \$2.75.

1142. **Maryland White Corn.** This very handsome Corn is the favorite of old farmers who like a big grain on a small cob. The grain is pure white, with good-sized ear, having ten rows to the cob. Used for general crop. Pk. 85c. Bu. \$2.75.

1237. **Boone County White.** Ears well filled out at both ends, cylindrical, 9 to 11 inches long, averaging 20 rows, some 18 and 22. Grain very deep, a little rough. Cobs white, of medium size. Pk. 85c. Bu. \$2.75.

1069. **Connecticut Field or Large Yellow Pumpkin.** Excellent for growing in Corn. Lb. 40c.

1058½. **Kentucky Field Pumpkin.** Very large and flat, grown extensively and profitably in cornfield. Lb. 35c.

## Kaffir Corn—The Great Forage Plant

1169. **Red Kaffir Corn.** Non-saccharine. The plant is low, stalky, perfectly erect—the stalk as well as the blades; cures into excellent fodder, and in all stages it is available for green food. Lb. 6c. Pk. 50c. Bu. \$1.50. Special price in quantity.

1276. **Red and White Milo Maize.** These are popular varieties of sorghum, somewhat similar to the Kaffir Corn, valuable for both forage and grain. Cultivation is same as for Kaffir Corn. Lb. 6c. Pk. 50c. Bu. of 50 lbs. \$1.50.

1158. **Early Orange Sorghum.** This variety is rapidly growing in favor wherever it is grown. Similar in growth to Early Amber, but it is claimed that it produces a heavier crop. Please write for lowest prices.

1146. **Early Amber Sorghum.** Furnishes a large yield of most nutritious forage, which can be fed either green or cured, and will yield 2 or 3 cuttings a year, stooking out thicker each time it is cut. It grows 10 to 12 feet high. Sow broadcast for forage at the rate of 1 to 1½ bushels per acre. When sown in drills, sow at the rate of 1 peck per acre in drills 3½ to 4 feet apart. Please write for prices.

1147. **White Kaffir Corn.** Makes nutritious food for stock and poultry. For a forage crop when sown by itself Kaffir Corn should be sown broadcast at the rate of from ¾ to 1 bushel per acre. When sown for a forage crop, either by itself or with Cow Peas, the crop should be cut before it is headed out. Lb. 6c. Pk. 50c. Bu. \$1.50. Write for latest prices.



# SELF-WATERING FLOWER BOXES

Made Entirely of Metal and  
Will Not Rust or Leak

They Do Away With all the Objectionable Features of the Old-Style Wooden Window Box

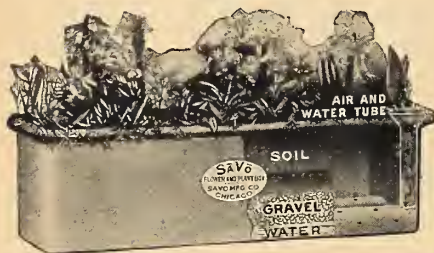
All Prices Subject to Change Without Notice

All Prices on This Page F. O. B. Baltimore, Md. Parcel Post Table, See Page 2



ADD DISTINCTION TO YOUR HOME—ATTRACT MOST FAVORABLE ATTENTION TO  
YOUR PLACE OF BUSINESS

## Save All-Year-Round Flower and Plant Box



Self-Watering and Self-Irrigating, for Windows, Porches, Posts and Sun Parlors

The Save Flower and Plant Boxes are made of the best grade of galvanized steel, with neat round corners and a full roll rim, the watering is easy, the drainage ample, the air circulation perfect. The enamel finish, both inside and out, prevents rust or leakage and will last in constant use many years.

**Directions for Using:** First, place coarse gravel, pebbles, broken flower pots, charcoal or moss about an inch deep over the top of the double-arched reservoir, then fill the box with good, rich, black dirt, fill the reservoir with water and sow the seed or install the plants and see them grow.

### Standard Stock Sizes and Price List

	Height Inches	Width Inches	Length Inches	Price
Model A.....	6½	6½	23	\$3.00
Model B.....	8	9½	29	4.00
Model C.....	8	9½	35	4.50
Model D.....	8	9½	41	5.00

By freight or express only

These are outside measurements, including the ¼-inch roll rim.  
Beautifully finished in aluminum or dark green.



### Galvanized Iron Water Pots

4 qts. \$ .65	10 qts. \$ .95
6 qts. .70	12 qts. 1.10
8 qts. .85	16 qts. 1.30

Mailing weight		
4 qt. 2 lbs.	6 qt. 3 lbs.	8 qt. 4 lbs.
10 qt. 4 lbs.	12 qt. 4 lbs.	16 qt. 5 lbs.

## Cedar Tree Tub

Made of seasoned selected white cedar, bound with electric welded wire hoops (galvanized).



No.	Top In.	Bot. In.	Depth In.	Price
5	10	7½	9	\$ .80
7	12	9	11	1.15
9	14	11	13	1.70
11	16	12½	15	2.10

Mailing weight, No. 5, 4 lbs.  
No. 7, 6 lbs. No. 9, 8 lbs. No.  
11, 11 lbs.

Handles extra at 30c per tub.



## Earthen Flower Pots

We carry a full line  
of sizes at all times.

Size	Each	Doz.
3½ in.....	4c	\$ .35
4 in.....	5c	.45
5 in.....	7c	.75
6 in.....	11c	1.20
7 in.....	18c	1.95
8 in.....	25c	2.75
9 in.....	38c	4.30
10 in.....	55c	5.85
12 in.....	1.00	11.85

Earthenware cannot be packed for shipment  
by Parcel Post.

Packing charges extra on Earthen Flower Pots,  
Earthenware Saucers, Earthen Fern or Bulb  
Pans. Minimum charge 25c. 50c per 100 up  
to size 6-inch. \$1.00 per 100 size 6-inch and up.

## Earthenware Saucers

Size	Each	Doz.	Size	Each	Doz.
4 in.....	4c	\$ .35	8 in.....	11c	\$1.25
5 in.....	5c	.45	9 in.....	14c	1.55
6 in.....	6c	.65	10 in.....	17c	1.90
7 in.....	8c	.90	12 in.....	27c	3.00

## Earthen Fern or Bulb Pans

Size	Each	Doz.	Size	Each	Doz.
5 in.....	7c	\$ .75	8 in.....	25c	\$2.75
6 in.....	11c	1.20	9 in.....	38c	4.30
7 in.....	18c	1.95	10 in.....	55c	5.85

## The Illinois Self-Watering Flower Boxes

The Illinois Self-Watering System absolutely assures success with plants, bulbs and ferns in the home. This system is based on the principle of subterranean irrigation, a principle which is accepted by agricultural authorities as most conducive to the healthful growth of plants. In our window boxes and hanging baskets this method is ingeniously adapted through the use of sponges and a false bottom (see diagram below). The correct quantity of water is assured to the delicate root fibers of the plants at all times, the water being drawn up slowly by means of capillary attraction. Rapid and luxuriant growth results.

## WE GUARANTEE

Every Box, Pot or Basket WILL NOT LEAK. Blooms will be larger and foliage heavier than in any surface-watered device. We will replace any box that leaks or wears out in any part within FIVE YEARS of date of purchase. We will refund the purchase price of any box or pot not giving satisfaction if returned within 60 days.



## Illinois Self-Watering Window Boxes

No.	Height Inches	Width Inches	Length Inches	Water Cap. Qts.	Price
0.....	6	6	16	1	\$2.25
1.....	8	9½	23	2½	2.85
2.....	8	9½	25	3	3.05
3.....	8	9½	27	3½	3.30
4.....	8	9½	29	4	3.50
5.....	8	9½	31	4½	3.75
6.....	8	9½	33	5	3.95
7.....	8	9½	35	5½	4.20
8.....	8	9½	37	6	4.40
9.....	8	9½	39	6½	4.60
10.....	8	9½	41	7	4.85

By freight or express only

## Illinois Self-Watering Porch Boxes

Special sizes made to order at prices proportionate to the above.

No.	Height Inches	Width Inches	Length Inches	Water Cap. Qts.	Price
21.....	9	12	37	7	\$5.10
22.....	9	12	41	8	5.35
23.....	9	12	45	9	5.65
24.....	9	12	49	10	6.20
25.....	9	12	53	11	6.75

By freight or express only

## Red Rubber Plant Sprinklers



Just the thing to  
get up under the  
foliage of the plant  
and sprinkle it  
where it is mostly  
neglected.

10 ounce bent..... 1.00 each



### Unglazed Hot Bed Sash

3 ft. 2 in. x 6 ft. To hold 28 lights.  
\$2.25 each. Please write for prices in quantity.

### Hot Bed Glass

8 x 10 in., 90 lights in box. Price.....\$3.50

### Burlap Hot Bed Mats

Made of strong Burlap, interlined with wool.  
Size 40 x 76 in. Single Sash.....\$1.85  
Mailing weight 10 lbs.  
Size 76 x 76 in. Double Sash.....\$2.90  
Mailing weight, 20 lbs.

### Mastica

For glazing greenhouse or sash, new or old. It is elastic, adhesive and easily applied. It is not affected by dampness. Gal. \$2.25.  
Mailing weight 8 lbs. per Gal.

### Glazola

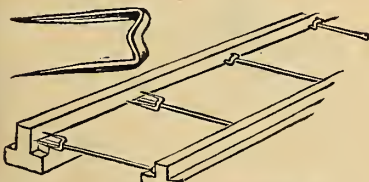
An ever elastic material for glazing and repair work. Will always remain in a rubber like condition. 1 Gal. \$1.70. 5 Gal. cans \$2.65 per gal. 20 Gal. drum at \$1.55 gal. 40 Gal. drum at \$1.50 gal.

One Improved Glazing Gun given gratis with each barrel or 1/2 barrel of Glazola.  
Mailing weight 8 lbs. per Gal.

### Grafting Wax

1/4 Lb....11c 1/2 Lb....20c 1 Lb....38c

### Peerless Glazing Points



Will stop your glass from sliding.  
Peerless, price per 1,000.....65c  
Mailing weight 2 lbs. per 1,000

### Heavy Dahlia Stakes

Height	Each	Doz.	100
3 ft.	10c	\$1.10	\$8.60
3 1/2 ft.	12c	1.25	9.90
4 ft.	13c	1.40	11.40
5 ft.	16c	1.80	14.60
6 ft.	19c	2.20	17.90

### Light Plant Stakes

Height	Each	Doz.	100
1 1/2 ft.	2c	20c	\$1.50
2 ft.	4c	35c	2.80
2 1/2 ft.	5c	50c	4.10
3 ft.	6c	68c	5.40
4 ft.	9c	\$1.00	8.00
5 ft.	12c	1.32	10.60

Stakes by Parcel Post or express.

### Hyacinth Stakes

Use for staking Hyacinths, Tulips and slender plants.

	Doz.	100	1,000
12 in.....	5c	25c	\$1.95
18 in.....	6c	35c	2.90

### Pot Labels

	100	500	1,000
4 in., plain.....	\$ .15	\$ .65	\$1.15
4 1/2 in., plain.....	.16	.70	1.30
5 in., plain.....	.18	.80	1.50
6 in., plain.....	.22	1.00	1.90
8 in., plain.....	.60	2.70	5.20
12 in., plain.....	.95	4.55	9.00

### Tree Labels

	100	500	1,000
3 1/2 in., plain, copper wired..	25c	\$ .95	\$1.80

### Hedge Shears

6-inch.....	\$1.00
8-inch.....	1.50
9-inch.....	\$1.65
10-inch.....	1.80

With notch, 25c extra.

12-inch with notch only...\$2.65

Mailing weight, 6 lbs. each.



Parcel Post Rates, see Page 2

All Prices Subject to Change without Notice

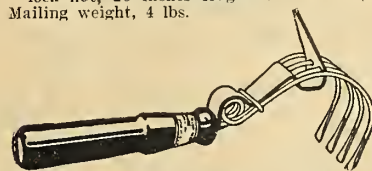


### Pexto Pruning Shears

No. 50.	8-in., Pexto.....	\$ .70
No. R-50.	9-in., Pexto.....	.90
No. 60.	9-in., Pexto.....	.90
No. R-60.	9-in., Pexto.....	1.00
No. 65.	9-in., Pexto, full polished.....	1.25
No. R-70.	9-in., Pexto.....	1.40
No. R-165.	9-in., Nickel Plated.....	1.65
No. R-85.	9-in., Pexto, full polished.....	2.00
No. 14.	6-in., Ladies' Nickle.....	1.20
No. 140.	6-in., Ladies' not polished.....	.50

### Long Handle Pruning Shears

No. V-20.	26 inches long.....	1.90
No. V-30.	Long-Handle Pruning Shear, with lock nut, 26 inches long.....	\$2.75



### Combination Spring Tooth Magic Weeder Hoes

The Magic Weeder Hoe is a dandy, and in very great demand, far exceeding our expectation. Made especially for the trade.

Size	Length of Handle	Length Over All	Diameter of Tines	Width	Blade	Price
G	48"	57"	8-32"	5"	No blade	30c
K	45"	56"	7-32"	4"	"V" blade	40c

### Village Blacksmith Sickle

No. 3. Forged from bar tool steel. Thoroughly tempered and ground sharp, ready for use. Hangs perfectly without muscular effort. Natural hammer finish; upper side full polished. Turned maple handle. Price 55c.

No. 33. Same style as No. 3. Made of heavier material. Price 65c.

No. 4. Cutlery steel. Corrugated blade—ground wide, thin and sharp. Temper finished blade. Securely riveted hard wood handle. 45c each.

Blue Ribbon Sickle. Ideal or light work 50c.

Clark's Solid Black Sickle, 50c each.

Austrian Sickle, 50c each.

Sickles Mailing Weight 2 lbs. each.

### Gardeners' Trowels

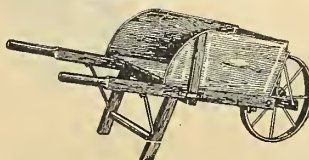
No. 1.	6-inch steel—one piece.....	10c
No. 2.	6-inch riveted shank.....	15c
No. 10.	Extra heavy solid steel. Riveted shank—6-inch blade.....	25c
No. 100.	Florist's Trowel. Extra heavy. Cold-rolled steel. One piece.....	30c
D. S. T.	High-grade English steel. Socket Trowel.....	70c

### Transplanting Trowels

No. 15.	Cold-rolled steel 5 1/2-inch blade. Finest transplanting trowel on the market.....	20c
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Mailing weight, 1 lb.

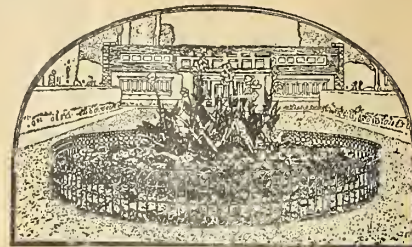
### Garden Barrows



These barrows are light, strong and durable, painted and varnished.

No.	Wheel	Inside Measurement	Price
2.....	17	11x20x25	\$6.00
3.....	19	12x22x25	6.50
91.....	16	12x22x27	5.00

No. 91 is Natural Wood finished and varnished.



### Perfection Flower Guard

It is just as easily applied to any form or size of flower bed. No posts are required, the picket ends are left projecting for insertion in the ground. Not expensive and can be taken up from year to year. It is cut off to the length required and the ends hook together when set. This border not only protects, but adds to the beauty of every flower bed.

Our Special	Price per ft.
12 in. high, per running foot.....	8c
18 in. high, per running foot.....	10c
24 in. high, per running foot.....	12c
25 ft. lengths and over 1c per ft. less.	

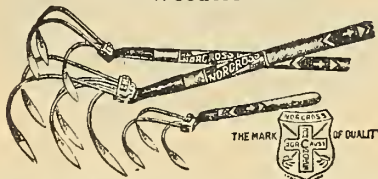
### Trellis Wire

Excellent for training vines of all kinds up porches, verandas, pegolas, etc. Easy to put up, will last a lifetime. Thoroughly galvanized and well made, cut any length desired.

Our Special		Price per ft.
No. 107.	18 in. wide,	
Single	.....	6c
No. 107.	24 in. wide,	
Single	.....	8c
No. 108.	18 in. wide,	
Double	.....	11c
No. 108.	24 in. wide,	
Double	.....	13c
25 ft. lengths and over		



### "Norcross" Cultivator Hoes and Weeders



Will cultivate closer to plants without injuring them than any other type of implement known, leaving the soil level, loose and untrampled. The sharp, tapering shovels enter the ground easily and are so arranged, one with another, as to literally tear up every inch of the soil, from one to five inches deep, as required. Detachable steel prongs, malleable head, extra high grade handles, finely finished throughout. Three sizes, suited to both men and women, and the average cost is only that of a common hoe.

### Three Sizes and Prices

5-prong, 4 ft. handle, weight 3 lbs.....	\$1.00
3-prong, 4 ft. handle, weight 2 lbs.....	.75
"Midget," 9-inch handle, weight 12 ozs....	.40

### The Little Giant Mole Trap

No Mole Can Pass!

SIMPLEST—

SUREST—

SAFEST—

It is made of all steel and heavily tinned, which makes it a very attractive as well as a durable trap. The spears are made of spring-steel and are therefore smaller than those made of soft steel, piercing a mole more easily. 70c.

Mailing weight, 3 lbs.

### Troweed



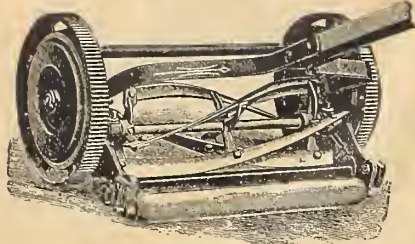
A boon to gardeners, florists, greenhouse-men. A combination gardeners tool; has many advantages over the ordinary trowel weeder. Price 50c each. Mailing weight 1 lb.



ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

**Bolgiano's High Grade Lawn Mowers**

Our Lawn Mowers are guaranteed in every respect; no pains or expense have been spared to produce the best mover that mechanical skill can devise.

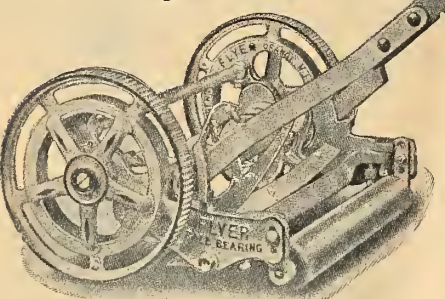
**Druid Hill Park Special**

Blade	Kind	Wheel	Price
12 in.	Druid Hill Park Special	8 in.	\$6.00
14 in.	Druid Hill Park Special	8 in.	6.50
16 in.	Druid Hill Park Special	8 in.	6.75

**Bolgiano's Ball Bearing Lawn Mowers**

For those who mow their lawns frequently we advise the Ball Bearing Machines.

Blade	Kind	Wheel	Price
12 in.	Bolgiano's Leader	8 in.	\$7.50
14 in.	Bolgiano's Leader	8 in.	8.00
16 in.	Bolgiano's Leader	8 in.	8.25
18 in.	Bolgiano's Leader	8 in.	8.75
12 in.	Bolgiano's Crackerjack	9 in.	9.25
14 in.	Bolgiano's Crackerjack	9 in.	9.50
16 in.	Bolgiano's Crackerjack	9 in.	10.00
18 in.	Bolgiano's Crackerjack	9 in.	10.25

**Bolgiano's Flyer**

**Bolgiano's Flyer.** Here is the strongest, lightest running, most beautiful designed and finished mower in the world. Fully guaranteed. Blades made of crucible steel, oil tempered, double Pawl ratchet design placed in the pinion.

Blade	Kind	Wheel	Price
14 in.	Bolgiano's Flyer	9 in.	\$10.25
16 in.	Bolgiano's Flyer	9 in.	11.25
18 in.	Bolgiano's Flyer	9 in.	12.25
20 in.	Bolgiano's Flyer	9 in.	13.25

**Bolgiano's New Matchless**

Blade	Kind	Price
14 in.	New Matchless	\$13.75
16 in.	New Matchless	15.00
18 in.	New Matchless	16.50
20 in.	New Matchless	18.00

**Bolgiano's New Orange**

Blade	Kind	Price
14 in.	New Orange	\$13.75
16 in.	New Orange	15.00
18 in.	New Orange	16.50
20 in.	New Orange	18.00

**Horse and Power Lawn Mowers**

Please write us for lowest prices.

**Grass Catchers**

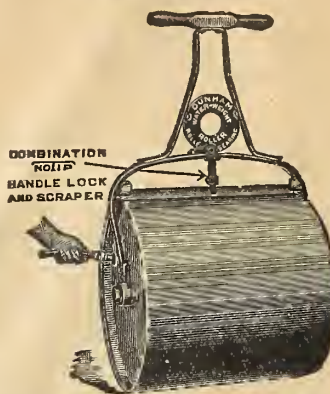
No. 1. **Metal Bottom Catchers.** 16 inches deep, made of heavy duck; heavy galvanized wire frame; adjustable steel hoops, will fit any mower, equipped with perfection handle. Adjustable to mowers, 12 to 16 inches wide, 85c.

No. 2. **Metal Bottom Catcher.** Same as No. 1, but for mowers 16 to 20 inches wide, 95c.

**Grass Shears**

No. 530.	Bolgiano's Special	50c
No. 267X.	Extra full polished blades and bow. Tempered. Size 5 1/2 inches.	60c
No. 0267.	Polished blades, shanks and bow. Trowel shanks. Our most popular grass shear. Size 5 1/2 inches.	70c

Mailing weight, 1 lb.

**Waterweight Rollers**

Style "WB" with "No-Tip" Lock and Scraper

No.	Diam. ins.	Length ins.	Sec. tions	Weight empty	Filled with Water	Price
W. B. 3	14	20	1	60 lbs.	160 lbs.	\$15.00
W. B. 5	18	24	1	85 lbs.	300 lbs.	18.00

This roller has a steel drum into which water can be poured until the roller is just the weight for the work at hand. For soft lawns it will not need so much water, while for firm turf, tennis court or drives it can be made as heavy as desired. When through rolling, all water is emptied out and the roller is light enough to be easily handled and put in the basement or garage. The drum is made of heavy steel plates, carefully welded to form a solid, one-piece container for the water.

The freezing and thawing of Winter heave and crack the turf away from the subsoil, leaving roots exposed to the air. These roots dry out and die. In Summer, wind and sun dry out, bake and crack the soil about the roots. This will happen even in climates where there are no heavy frosts.

Rolling the lawn just as soon as the frost is out presses the heaved turf back against the subsoil and settles the earth firmly around the grass roots. Rolling throughout the Summer immediately after rains keeps the surface even for the mower to run over and discourages worms, ants, moles, etc.

**Machine Oil**

The best refined oil to be used on your lawn mowers or any of your delicate machinery. Price, 1/4 pint 15c.

**Clover Lawn Mower Sharpening Compound**

Clover Lawn Mower Sharpening Compound is a grinding compound, and when applied to the cutting edges of a mower, after these edges have been properly adjusted, it will grind them together in place sharp, and make a perfect job of it. So simple is the whole operation, that any boy, girl, man or woman who can push a mower can sharpen one with Clover Compound, and do a better job than can a trained mechanic. Buy a 50 cent can of Clover Mower Sharpening Compound and sharpen it every time you use it. You will never know the delight of cutting grass until you do. Price 50c per can.

Mailing weight, 1 lb.

**Goodwin Grass Shears**

A shear that allows the hand to be held in the easiest and most natural position possible. It doesn't tire the hand, or raise a crop of blisters; you can operate it much faster, the blades cannot slip apart, it's wonderfully easy even for a woman to use and it cuts like a razor. Price \$1.50 each.

Mailing weight, 1 lb.

**Bolgiano's "Square-Deal" Moulded Hose**

Bolgiano's "Square-Deal" Moulded Hose is made of the very best material and fills a long felt want for a high-grade hose at popular price. 16c per foot

**Heavy High-Grade 3/4-Inch Hose in Continuous Lengths.** Add 20c for Couplings

Per running foot

"Square-Deal," 3/4 inch.	16c
Mars, 3/4 inch.	17c
Electric, 3/4 inch, double fabric.	20c

**High Pressure Hose for Spraying Purposes**  
Prices on application.

**Hose Nozzles**

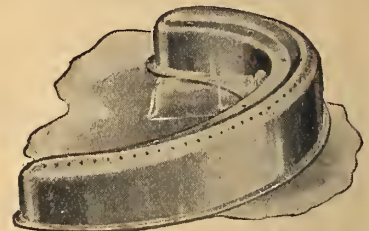
Plain, 6 in.	50c
Mystic Spray	60c

Mailing weight, 1 lb.

**Hose Sundries**

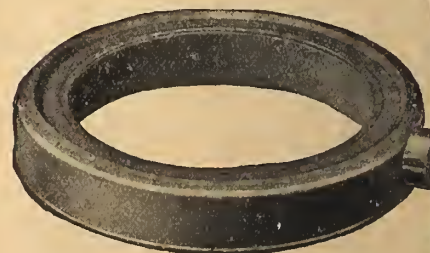
Hose Menders, Sure Grip	Each 10c
Hose Couplings	" 20c
Hose Bands	" 5c
Hose Washers	Dozen 10c

Mailing weight, 1 lb.

**The Newest Member of the Fountain "Family"****The Half Fountain Lawn Sprinkler**

Has the "Mist-Like" Spray—Covers but half of the full circle—Sprinkles the lawn—keeps the wets dry—User moves it without getting wet—Stays upright—Price 60c.

Mailing weight, 1 lb.

**The "Original" Fountain**

No moving parts. Sprinkles in a full circle. Very popular. 70c. Mailing weight, 1 lb.

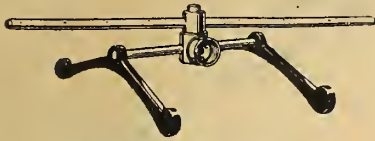
**B. Sprinkler**

Solid brass, with anchor to keep from tipping. One of the best sprinklers made. 45c.

Mailing weight, 1 lb.



### Rainbow Brass Lawn Sprinkler



#### World's Best Rain Insurance

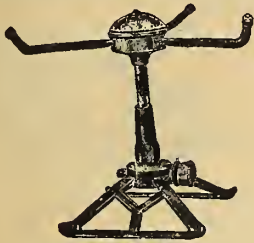
**Does Not Stick or Rust.** The water descends in small particles like mist and rain combined over an area of 40 to 50 feet, watering every inch of ground.

**Instantly Set in Motion with Low Water Pressure.** The Rainbow Sprinkler is supported on a brass sled, which may be easily drawn over the lawn. The Sprinkler may also be connected to a stand pipe.

The Rainbow Lawn Sprinkler works perfectly from artesian well or tank pressure. Strong in construction. Attractive in appearance.

Mailing weight, 4 Lbs. Price, \$2.00 each. Guarantee attached to each sprinkler.

### Revolving Lawn Sprinklers



#### Universal Sprinkler

**Universal.** Black frame, with full nickel top and spreading arms. Sprinkles from both top and arms. \$2.15.

**Preston.** Black frame, with brass spreading arms. Not as tall as Universal, and sprinkles from arms only. \$1.60.

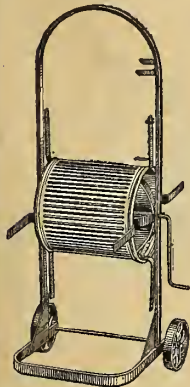
Mailing weight, 5 lbs.

### Wirt & Knox Hose Reels

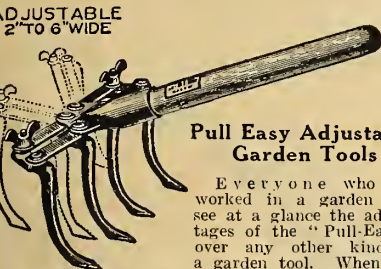
Wirt & Knox No. 2. All metal, best tubular steel frame, heavy corrugated galvanized steel drum .....\$2.75

No. 10. Absolutely all metal, tubular steel rims and frames, diameter of rim 21 inches .....\$3.50

No. 20. Same as No. 10 only diameter of rim 24 inches .....\$4.00



### Pull Easy Adjustable Garden Tools



Everyone who has worked in a garden will see at a glance the advantages of the "Pull-Easy" over any other kind of a garden tool. When the arms are spread out to full width of 18 inches the cultivator is like a rake.

For narrow rows the outer ends of the arms can be closed to any width down to 7 inches.

Hand Cultivator, 9-tooth, long handle.....\$1.10

Pull-Easy, Jr., short handle, 4-tooth.....35c

Pull-Easy, Jr., long handle, 4-tooth.....55c

5-Prong Adjustable Pull-Easy. Center tooth easily removable. 4-foot straight grained handle. Mailing weight 2 3/4 lbs....85c

Pull-Easy Weeder .....50c

### Steel Hoes



Malleable Iron Socket, steel blade, S. R. 7...40c  
Sockets, Y. S. G. 6 1/2.....75c  
Sockets, Y. S. G. 7 1/2.....75c  
Faultless, F. S. 7.....\$1.00  
Warren, W. 7.....1.00  
Warren, W. 7 1/2.....1.10  
Sprouting Hoe, H. G. 6-0.....70c  
Mailing weight, 3 lbs.

### Spades



D Handle, No. 2, plain.....\$1.10  
D Handle, No. 2, polished.....1.25  
D Handle, Post or Ditching Spade, No. 3...1.50  
No. 452. Long Handle Spade.....1.00  
Mailing weight, 8 lbs.



### Shovels, Long Handle

Long Handle Shovel, No. 2, polished.....\$1.25  
D Handle, No. 3, polished, round point....1.40  
Hollow Back Scoop Shovel, No. 2.....1.25  
Mailing weight, 8 lbs.

### Square Point Dirt or Coal Shovel

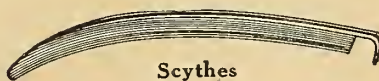


Price, \$1.00 each. Mailing weight, 8 lbs.



### Bush Hooks

Absolutely the best steel Bush Hook made, fully guaranteed. Price \$1.50. Mailing weight, 6 lbs.



### Scythes

English Steel Waldron Grass, 34 inch.....\$2.50  
Silver Steel Waldron Grass, 30, 32 and 34 in. 1.60  
Cloverleaf Grass Scythe, 30, 32 and 34 inch, light, yet strong and durable.....1.10  
Bush Scythe, No. 50, 18 and 22 inch.....1.25  
Copper King Weed Scythe, 24 and 28 inch...1.50  
Mailing weight, 5 lbs.

### Snaths

Scythe Handles with Loop Bolts.....\$1.25  
Scythe Handles, with Rings.....1.50  
Mailing weight, 3 lbs.

### Carborundum Scythe Stones

Carborundum, No. 190, 10 1/4 in. long, 1 in. wide .....30c  
Carborundum, No. 191, 12 1/4 in. long, 1 1/4 in. wide .....35c  
Mailing weight, 2 lbs.

### Mattocks, Heavy Steel



Mattock, No. 424, L. C.....85c  
Handles, extra .....35c  
M. H. 3, Mattock Hoe, light, complete.....70c  
Mailing weight, 6 lbs.

### Double Prong Weeding Hoes for Weeding and Cultivating

No. 2, "P. W.".....35c  
Acme, A. W. (like cut).....90c  
P. S. W.....80c  
Mailing weight, 4 lbs.



### Potato Hooks

All steel, 4 B. O. L.....85c  
Mailing weight, 2 lbs.

### Scraper

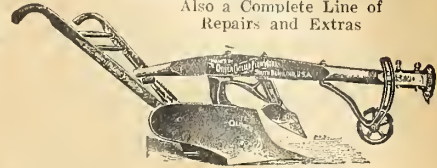
Mehler's Poultry House Scraper.....75c  
Mailing weight, 4 lbs.

### Manure Forks

First quality steel, Y. S. 4 1/2, 4-tine.....\$1.00  
Mailing weight, 4 lbs.

### Oliver Chilled Plows

Also a Complete Line of Repairs and Extras



### Wood or Steel Beams

No. A-1. Right-hand only, light one-horse. Price .....\$8.75  
No. B. N. Right-hand only, medium one-horse. Price .....10.00

### Right and Left Hand

No. 10. N. Full one-horse.....\$12.75  
No. 19. N. Light two-horse.....15.75  
No. 20. N. Medium two-horse Steel Beam 17.50  
No. 20. N. Medium 2-horse Wood Beam. 16.00  
No. 40. N. & 40 X. N. Two or three-horse Steel Beam .....20.00  
No. 40. N. & 40 X. N. Two or three-horse Wood Beam .....17.50  
No. E1. N. Medium heavy two-horse....20.00

### Wheels

Brace Standard, two-horse, complete.....\$2.25  
Straight Standard, one-horse, complete....1.50  
Jointers, complete, two or three-horse....3.50

### Steel Beams

No. A .....\$4.25 No. 19 .....\$7.00  
No. B .....5.50 No. 20 .....7.25  
No. 10 .....5.25 No. 40 .....8.00

	Shares	Land-sides	Mould Boards	Woodbeam Standards
A	\$.40	\$.60	\$2.00	\$2.75
B	.50	.90	2.75	3.00
10	.50	.90	3.00	3.00
13	.60	1.20	3.75	3.25
19	.65	1.20	4.00	3.65
20	.75	1.30	4.50	3.90
E	.75	1.30	4.75	4.10
40	.80	1.30	4.75	4.35

### Turf or Edging Knife



For trimming edges of paths, drives, flower beds and borders.

Kohler's Half-Moon Shape, T-E.....90c  
Mailing weight, 5 lbs.

### No. 2 Planet Jr. Edger



Neatness is the great secret of attractiveness in grounds surrounding a house, and to have this neatness the grass bordering walks must be frequently edged or trimmed. With the No. 2 Planet Jr. Edger you can edge either straight or curved walks of cement, stone or brick, rapidly and easily.

The edging disc is made of high-grade steel and will last for years. The tool is extremely simple and easy to operate, and there is nothing to get out of order. It is always ready for use, and should be the constant companion of the lawn mower. Price, \$1.75 each. Mailing weight, 4 lbs.

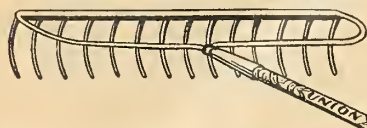




### Lawn and Garden Rakes

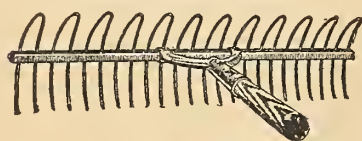
**The Ole Olsen Lawn Rake**  
The teeth are so constructed that when driven into the head they will never shrink from place and cannot fall out. Price 80c. Mailing weight, 4 lbs.

### Iron and Steel Garden Rakes



Malleable Rakes, M. S. 12.....	45c
Malleable Rakes, M. S. 14.....	50c
Steel Rake, high grade, bent tooth, B. 12....	90c
Steel Rake, high grade, bent tooth, B. 14....	95c
Steel Bow Rakes, F. B. 14.....	75c
Steel Bow Rakes, F. B. 12.....	70c
Mailing weight, 5 lbs.	

### Lawn Queen Rake



Made of heavy, tinned, steel wire. These are excellent for lawn or walk work. The rake is reversible and will answer several purposes. W. 24-tooth one side, 12 to the other side. Price 50c. Mailing weight, 5 lbs.

### Floral Sets

Shovel, Hoe and Rake, 3 F. S.....	\$1.50
Mailing weight, 10 lbs.	

### Spading Forks



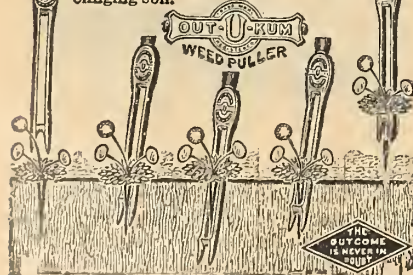
Union No. B. A. D. Boys, 4-prong.....	80c
Union "D" Handle, 4-prong, Z. S. A. L. D.	90c
Union "D" Handle, 4-prong, Y. S. A. L. D.	\$1.15
Union "D" Handle, 5-prong, 5 A. D.....	1.85
Mailing weight, 6 lbs.	

## THE "OUT-U-KUM" WEED PULLER

### An Entirely New Principle

A slight Push and Pull thoroughly loosens the surrounding soil and removes not only the weed, but the entire root.

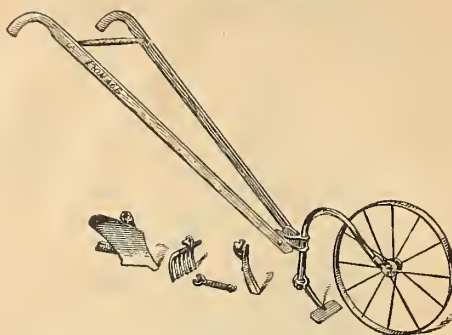
When pushed into the ground, the two points guide the BRIDGE down alongside the weed, loosening the soil from that side. It then crosses under the root disengaging the latter. As the tool is withdrawn the BRIDGE slips up the opposite side of the weed, loosening the ground from that side and engages the head of the weed above the ground. The now thoroughly loosened weed is readily withdrawn in its entirety with little or no clinging soil.



Price, 75c each.

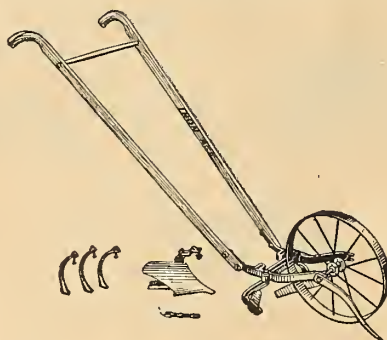
Mailing weight, 2 lbs.

### "Iron Age" No. 12 Wheel Plow and Cultivator



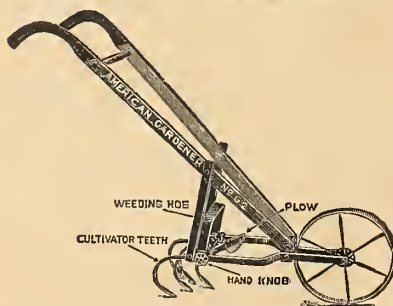
This simple, light-weight machine will be found of great service in simplifying the work in the small vegetable or flower garden. The average weight of this machine with one working tool is but 8 pounds. Price \$5.00.

### "Iron Age" No. 320 Single Wheel Hoe



A strongly constructed implement for the amateur or market gardener. It is light in weight and of simple construction. The attachments are a pair of side hoes, three cultivator teeth, a vine lifter and a plow. Price \$6.75.

### Quick-Adjustable Cultivator



The True Temper Geneva, No. G2, is recognized everywhere as the only real quick-adjustable cultivator on the market.

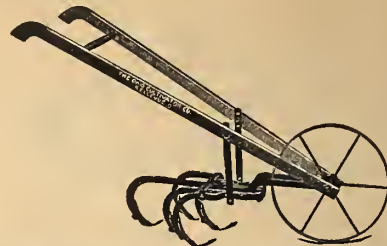
It has a Weeding Hoe, a Plow and five Cultivator Teeth, all permanently attached to a revolving steel plate.

Any of these tools may be securely locked into working position by a few turns of the Hand Wheel—a time and labor saver.

Machine has steel forged tools, well selected oak handles, with comfortable handle grips. It has 14-inch steel wheel and is finished in colors, then varnished. Weight 20 lbs. Price \$5.50.

The large Turning Plow with landside, which is sold as extras, may be easily attached in place of Drill Plow. Price \$1.50.

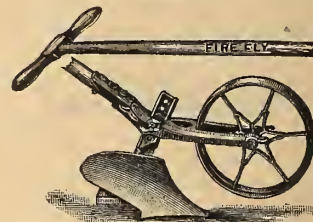
### Skaboo



A complete five-shovel cultivator with detachable double-point reversible shovels. Adjustable from 10 to 14 inches in cutting width. A garden tool that will please the most exacting. Price \$4.00. Weight, 21 lbs.

### Fire-Fly Garden Plow

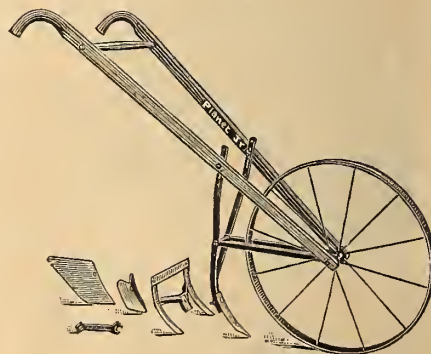
Packed weight, 14 pounds  
\$4.00



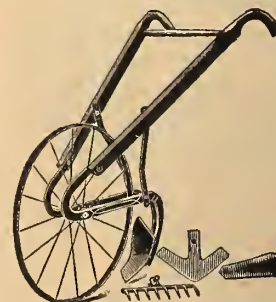
This tool is exceedingly useful to owners of small gardens. It will throw a furrow of 4 to 6 inches wide and 1 to 3 inches deep, and deeper by going a second time in each furrow. It opens furrows for manure or seeds and covers them, and opens up rows for all kinds of plant setting. Chicken raisers find it of great advantage in plowing up their scratching yards.

### No. 119 Planet Jr. Garden Plow and Cultivator

\$5.00



This new member of the "Planet Jr." family will appeal to all those who prefer a high wheel tool for their garden work. Where the soil has not been so thoroughly and carefully prepared, the high wheel undoubtedly makes an easy running tool. The wheel is 24 inches in diameter with a rim 1 1/2 inches wide, insuring easy running in the lightest soil.



### No. 1 Climax Cultivator

This garden Cultivator has made a reputation and the 24-inch high wheel makes it an implement which will serve any purpose desired. Price \$3.00 each.

No. 2. Same as No. 1, only handles run straight to axles without overhang. Price \$3.00.



# Planet Jr. Garden Tools

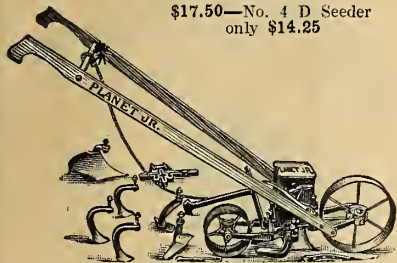
## Biggest Savers for Farm and Garden

72-Page Planet Jr. Catalog Free. Describes 70 tools, including Seeders, Wheel Hoes, Horse Hoes, Harrows. Write Postal for it.

Why worry along with slow, out-of-date implements and meagre results? Planet Jr. tools are far more economical—they do 3 to 6 times the work, get bigger, better crops, and outlast several ordinary implements. Fully guaranteed. You are actually losing money whenever you cultivate without them.

### No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

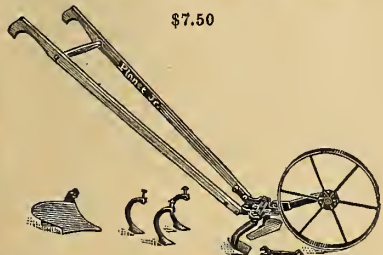
\$17.50—No. 4 D Seeder only \$14.25



Soon pays for itself in the family garden as well as in the larger acreage. Sows all garden seeds (in drills or in hills), plows, opens furrows and covers them, hoes and cultivates quickly and easily.

### No. 17 Planet Jr. Single Wheel Hoe

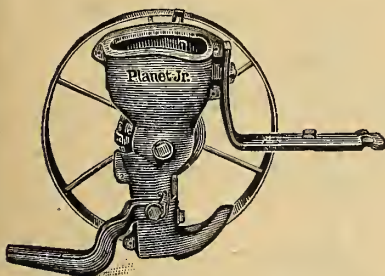
\$7.50



The highest type of Single Wheel Hoe made. Light, but strong, and can be used by man, woman or boy. Will do all the cultivation in your garden in the easiest, quickest and best way.

### No. 35 Planet Jr. Seeder Attachment

\$5.75



This small seeder can be attached to any Planet Jr. Single or Double Wheel Hoes or Garden Plows, and will be found particularly suitable for the small kitchen garden. It will plant practically all seeds in a straight continuous row, at a uniform depth in a fraction of the time required by hand and infinitely better. The hopper holds one pint of seed and it can be used for planting even a small packet of seed. Also has a bracket to which a handle can be attached and used independently of the wheel hoe.

Everyone having a small kitchen garden should have this handy seeder.

### YAMADE Nature's Wonder Rake

Works like the human hand, is flexible, adjustable, invincible. Saves time, energy and labor. Removes worms and worm casts from Putting Greens. Highly recommended for cleaning lawns, gravel walks and driveways of crab grass, leaves, etc. Price \$1.50.



### No. 25 Planet Jr. Hill and Drill Seeder, Double and Single Wheel Hoe

\$21.25



A splendid combination for the family garden, onion grower, or large gardener. It is a perfect seeder, and combined double and single wheel hoe.

### No. 12 Planet Jr. Double and Single Wheel Hoe

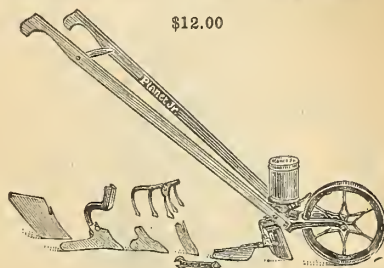
\$11.25



A single and double wheel hoe in one. Straddles crops till 20 inches high, then works between. Has steel frames and 14-inch steel wheels. The greatest hand-cultivating tool in the world.

### No. 31 Planet Jr. Combined Drill Seeder and Single Wheel Hoe

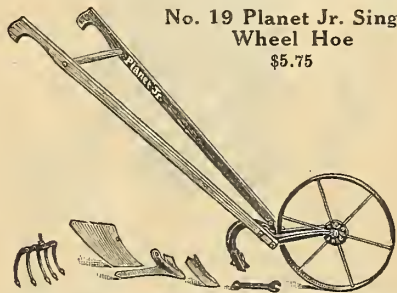
\$12.00



It will sow even a small packet of garden seed with great precision. Quickly changed to a splendid wheel hoe. A special machine for the small gardener. No. 31-D (Seeder only.) \$9.75.

### No. 19 Planet Jr. Single Wheel Hoe

\$5.75



This combination will delight the suburbanite, the growing boy, woman, younger or older, who will find it a light running wheel hoe that will save them hard work and help much to supply the table with fine vegetables.

## The "Iron Age" Plows, Cultivators, Hoes, Rakes and Drill Seeders

Complete Iron Age Catalog on Request

### "Iron Age" No. 306 Combined Double Wheel Hoe, Hill and Drill Seeder



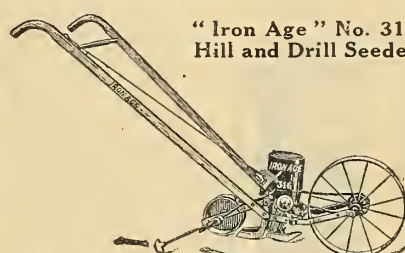
A practical tool for the market gardener; will sow all kinds of seed from Celery to Beans with the greatest regularity. Can be changed instantly from drill to bill-dropper, which will drop seed 4, 6, 8, 12 or 24 inches apart. Complete with cultivators, hoes, plows. Price \$16.75

### "Iron Age" No. 301 Double Wheel Hoe with Cultivators and Plows



An indispensable machine to the market gardener or anyone cultivating a garden. This machine complete with all attachments. Price \$8.75.

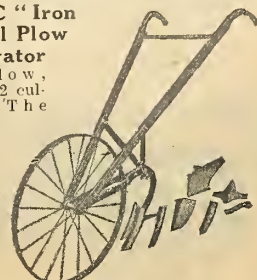
### "Iron Age" No. 316 Hill and Drill Seeder



Here is an important tool built especially for those who do not care for a combined tool but desire separate machines for each purpose. The No. 316 will sow either in continuous rows or deeply in hills 4, 6, 8, 12 or 24 inches apart. The change from hill to drill seeder takes only a moment. We strongly recommend it to all who need a machine for seeding only. Price \$13.50.

### The No. 19-C "Iron Age" Wheel Plow and Cultivator

Consists of plow, rake, scuffle hoe, 2 cultivator teeth. The plow is used for breaking ground, opening furrow, and cultivating. The rake for leveling, raking and cultivating the crops while they are small; the scuffle hoe for breaking the soil, which may become hard from rain, baking or stamping; the two cultivator teeth for making small furrows, deep cultivating, etc. Price \$4.25.





# Do You Buy Satisfaction or Just Sprayers?

Parcel Post Rates, see Page 2

## "Perfection" Sprayer

Highest Priced Sprayer in the World—  
and Worth It



For spraying, disinfecting or whitewashing on plants, bushes, vines etc.

Made of heavier metal, with fewer parts, stronger in construction, more powerful in action. Tank 7½ in. x 20 in., lock seated with 24 rivets. Hose attached with clamps. All furnished with automatic shut-off nozzles. Made of galvanized steel or solid brass. Price, galvanized steel, \$6.25. Price, brass, \$9.50. Perfection Nozzle, complete, \$1.50. With hose \$2.15. 2 foot Extension Rod, 40c.

## Hudson Junior Sprayer

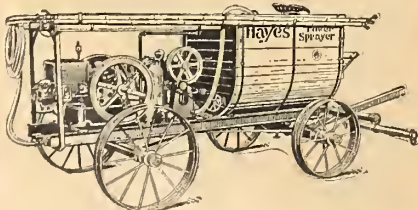


The Hudson Junior is a high pressure compressed air sprayer. It is designed especially for the Farmer and Gardener, or any one having a few fruit trees, ornamental shrubs, rose bushes, or a vegetable garden which requires spraying. It will do the work just as thoroughly as any larger power outfit, as it has all the necessary features to produce the best results.

It is equipped with special spray hose built to withstand high pressures, and our "Perfection" automatic shut-off nozzle. An extension may be used with it if desired.

Capacity about 2½ gallons. Shipping weight 8 pounds. No. 140-G. Junior with galvanized tank. Price each, \$4.75.

## Hayes Power Sprayers



Ideal for the Orchardist. Write for Special Prices.

## The Auto-Spray Pump



A Self-Operating or Automatic Sprayer.

Length of Cylinder, 21 in.; weight, loaded 39 pounds; diameter of cylinder, 7 in.; capacity, about 4 gallons; weight, empty, 7 lbs. Extension pipes extra.

Auto-Spray No. 1C. Galvanized Reservoir. Stop Cock. Price \$6.00.

Auto-Spray No. 1D. Galvanized Reservoir. Auto-Pop Nozzle. Price \$6.50.

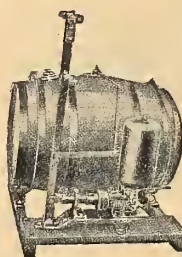
Auto-Spray No. 1A. Brass Reservoir. Stop Cock. Price \$8.75.

Auto-Spray No. 1B. Brass Reservoir. Auto-Pop Nozzle. Price \$9.25. Auto-Pop Nozzle, with hose and fittings, \$2.00

Extension Pipe, 2 ft., Brass, 50c. Brass Elbow Extension, 35c.

Double Row Attachment, solid brass 1 nozzle \$1.50. Brass Strainer, \$1.20. Mailing weight, 17 lbs.

## "Iron Age" Horizontal Barrel Sprayers



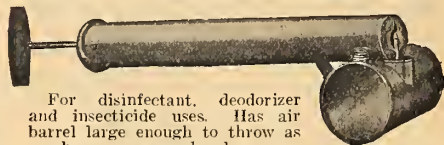
No. 190. This Sprayer will not tip over on hill-sides, where many orchards are set. Note how barrel and pump are mounted and the barrel held in place by adjustable hoops. It holds 50 gallons. Can be used in any wagon, cart or sled. One horse can pull it.

No corrosion, solution touches brass parts only, all parts easy to get at, and decent to handle.

The pump is single-acting—always reliable and easy working.

Price \$30.00.

## Little Wonder Special Hand Spray



For disinfectant, deodorizer and insecticide uses. Has air barrel large enough to throw as much spray as any hand sprayer. Has liquid tube carefully located and protected. Has a drip cup with finished edges. Has lock seams and tank tested by 20-pound air pressure. Capacity 1 Pt. Mailing weight, 3 lbs. Price 40c.

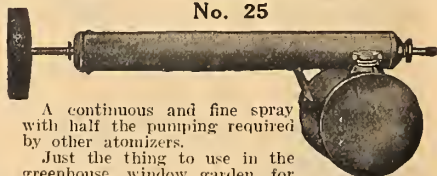


## No. 4512 Misty Sprayer

The best quart size Sprayer made, and one that is a universal favorite. Construction is the very best. Price 45c.

Mailing weight, 2 lbs.

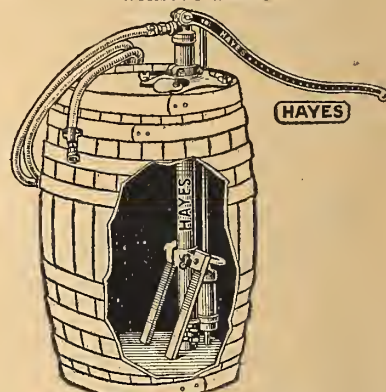
## Auto Compressed Air Sprayer No. 25



A continuous and fine spray with half the pumping required by other atomizers.

Just the thing to use in the greenhouse, window garden, for rose bushes and in the poultry house; will handle all solutions, insecticides and disinfectants. Made throughout of stout material. Copper syphon tube, bronze ball valve plunger, rod ¼-inch copper plated steel. The solution does not come in contact with the pump cylinder. The spray may be adjusted by a slight turn of nozzle cap. Tin Pump and brass tank. Price \$1.50. Mailing weight, 3 lbs.

## Hayes Hand Barrel Spray Pump without Barrel



This pump represents all that is best in hand spray pump construction. Designed with powerful leverage it is easy working and capable of developing 150 lbs. pressure without tiresome pumping. All working parts including cylinder, valves, valve seats, spring expander and strainer are brass or bronze so that no part is subject to the corrosive action of spraying solutions. It is built for continuous service, year after year, with the minimum of attention and repair.

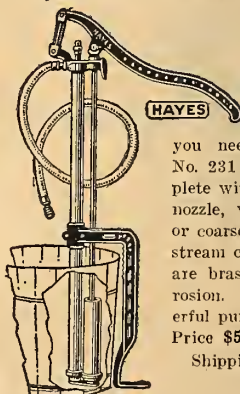
It has a universal plate which allows it to be mounted on either the closed end or side of barrel.

No.	Description	Shipping Weight	Price
1821	Pump No. 182, 2-inch cylinder, 2¼-inch air chamber	38 Lbs.	\$13.50
182	Pump only	33½ Lbs.	10.00
	Equipment on 1821, 12½ ft. ½-inch 5-ply spray hose, couplings, clamps and Hayes Disc Nozzle.		

With barrel add \$7.25, with 8-foot extension add 80c, with pressure gauge add \$4.25.

Prices on larger size Hayes Barrel and Power Sprayers on request.

## Hayes Hand Bucket Sprayer, No. 231

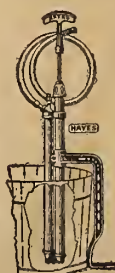


If you grow anything, whether for profit or pleasure, you need a bucket sprayer. No. 231 consists of pump complete with hose and small disk nozzle, with the disk for fine or coarse spray and extra solid stream cap. All working parts are brass, not subject to corrosion. This is the most powerful pump of the bucket type. Price \$5.75.

Shipping weight, 9 lbs.

## Hayes Hand Bucket Sprayer No. 211

Indispensable for farm, home and garden use. Sprays trees, gardens, flowers—washes windows, porches, buggies—disinfects, whitewashes. All bronze working parts. This pump is identical with 231, only all operation is on the down stroke which tends to steady and hold the pump down. The air chamber is extra large, giving a continuous spray. A large capacity pump and a very popular type. Price \$3.50.



## Auto Spray No. 26

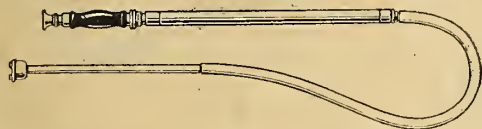
is so designed that excessive pressure generated on the down stroke allows it to generate a continuous mist-like spray so that spraying can be done more rapidly with less exertion. All brass, price each, \$1.25.

Mailing weight, 3 lbs.



# ARMSTRONG STANDARD SPRAY PUMP

A One-Man, One Hundred Purpose Pump



As Supplied for Spraying from Bucket

The Armstrong Standard Spray Pump is simply a very carefully designed and accurately made "squirt-gun" provided with a proper outfit of nozzles. Its simplicity largely accounts for its unusual power.



Using the Armstrong Standard with Bucket for Small Orchards.

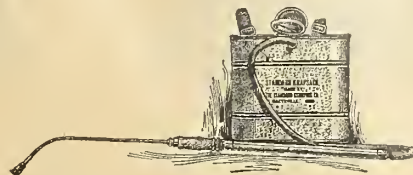
Its plan of operation is so simple and so different from other types of spraying apparatus. This permits the use of the hose on the suction end instead of on the discharge end. That is why it is possible to use the Armstrong Standard either with a bucket, barrel or knapsack, depending upon the number of trees or the kind of spraying to be done. The work of spraying is always done from the ground. No ladder, long extension or raised platform is needed. A large tree can be completely sprayed with ten or a dozen strokes of the pump.

## PRICE LIST:

The Armstrong Standard Pump, with short hose and all three spraying nozzles (for bucket use) .....each \$4.50  
Knapsack attachment, galvanized iron, five gallons capacity, ready for attaching to pump.....each 3.25

## Armstrong Standard Pump with Knapsack and Short Extension Attachments

For spraying young or scattered trees or truck crops such as potatoes, tobacco and the like, the knapsack and short curved extension are used with the pump. With this equipment, the Armstrong Standard will spray potatoes one row at a time at the rate of an acre an hour or better.

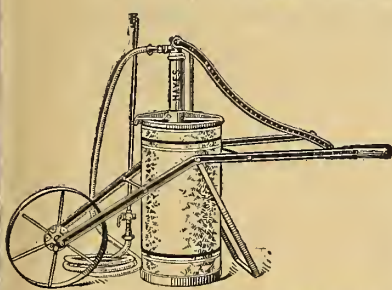


By different arrangements of the several nozzles regularly supplied, sprays of varying fineness—from a mist to a straight stream that carries sixty feet—are produced.

The Armstrong Standard Spray Pump is ideal for spraying liquid insecticides of all kinds, for whitewashing poultry houses and cattle barns, for spraying disinfectants in buildings or on animals and poultry, for fire protection, for veterinary use, for washing windows, for washing autos—there is almost a daily use for the Armstrong Standard about the home, farm, garden and orchard.

The Armstrong Standard is made entirely of brass. No leather packings are used and no metal subject to rust or decay. Every Armstrong Standard is warranted for five years. This makes it the most economical spraying device on the market.

## No. 1721 F. Hayes Wheelbarrow Sprayer



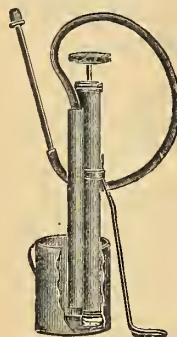
This handy portable outfit is especially designed for small orchards, truck gardens, greenhouses, estates, public parks and general farm, home and garden work. Goes anywhere like a wheelbarrow, through narrow openings and between narrow row crops.

Most powerful and easiest working hand pump made. 150 to 250 lbs. pressure with little effort. Just look at the number of things you can do. Spray orchard trees, bushes, vines. Spray potatoes, garden crops. Disinfect stables, sheds, yards and poultry house. Its many uses plant it well at the top of profitable farm equipment.

### SPECIFICATIONS

**Cart.** All steel, strongly cross braced. Steel wheel 16-inch, 2-inch tire. Folding brace steadies pump.  
**Tank.** 12½ gals. heavy galvanized steel banded.  
**Pump.** Cylinder 2-inch, 2¼-inch air chamber.  
**Equipment.** 12½-foot section Hayes 5-ply ½-inch spray hose, with fittings; 8-foot steel extension with leakless stop cock, one Hayes Vernorel Nozzle. Shipping weight, 75½ lbs. Price \$22.00.

## No. 28 Whitewash Sprayer and Force Pump



No. 28. Whitewash Sprayer and Force Pump is designed for use in pail or bucket, and will fit any size. The pump is made of galvanized iron. The top and bottom are made of brass. It is regularly equipped with 3 feet of best hose, 1-foot brass extension rod and a brass nozzle, which will give two different sizes of sprays. It has ball valves and steel foot rest. The pump is provided with an overflow, which carries all the liquid which might get above the plunger back into the pail. The plunger is easily removed and easy to operate, due to double action. Made with large air chamber. The pressure being held in the air chamber and on the nozzle

enables the operator to throw a continuous spray, which is not affected by the movement of the plunger.

Much more work can be done with this pump in a day than can be done with a brush. The force with which the material is applied causes it to penetrate the small crevices, making a perfect job. Price \$2.75.

## JIM-DANDY SPRAYER

Something Novel—Something New

Adapted for spraying Garden and Farm Vegetables of every description, Fruit Trees, etc. Will spray Disinfectants in Poultry Houses and Stables; Fly Spray on cattle; Whitewash, Carbola, Cold Water Paints, etc.

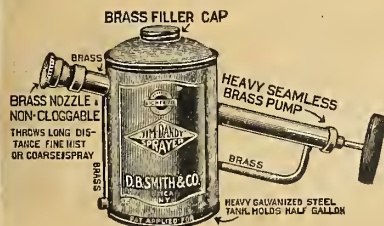
To operate, simply work plunger handle slowly; one stroke will cover a large area and no liquids wasted.

The reservoir is made of heavy galvanized iron, capacity two quarts; all other parts are entirely of brass, including ball check valves and nozzle. The Golden Spray Nozzle furnished is adjustable for large fine mist spray or long distance coarse spray, as desired.

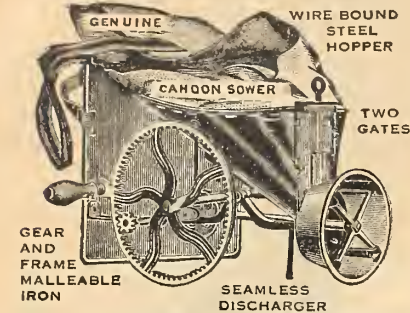
The JIM-DANDY is a sturdy, well made sprayer, of the best material and workmanship—made for hard work and long service. "Quick as Lightning"

When empty it weighs 2 pounds, and when loaded ready for work the weight is 6 pounds.

Price \$2.75





**Cahoon's Broadcast Seeder****The "Cyclone" Seed Sower****Asparagus Buncher**

Sows all kinds of clover, grass and grain seeds, and throws heavy seeds; it will throw forty feet. A model for accuracy and durability. Malleable iron frame, steel hopper and gate, brass discharger. Price \$4.00.

**The "Little Giant" Seed Sower**

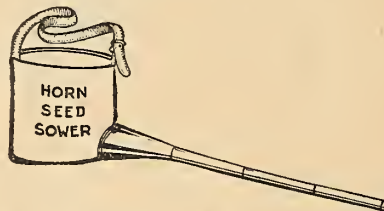
The Little Giant (geared), known as No. 3, needs no introduction. It has been sold for more than twenty-five years. It is well known and has a good reputation.

Construction: This sower has a steel frame with heavy bearings and strong cog wheels. Has a rigid distributing wheel with steel spindle and ferrule. Is equipped with a stirrer to keep the seed from clogging, a body shield and a conveniently placed carrying handle. Is made from good materials and is nicely finished. Sack holds one-half bushel. Will sow all kinds of farm seeds, lawn grass, etc. Shipping weight, 4 lbs. Price \$1.75.

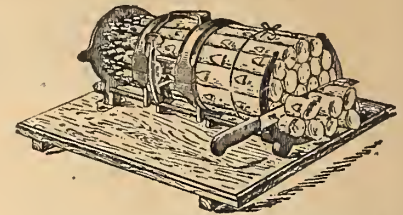


Has won for itself first place among all kinds of Hand Seed Sowers. It has proven in thousands of instances that it is the most accurate, most convenient to operate and most economical machine for sowing Clover, Timothy, Alfalfa, and all other farm seeds that can be sown broadcast. It runs easily and will distribute any desired quantity of seed per acre.

The "Cyclone" Seed Sower is constructed on correct up-to-date principles. Price \$1.75.

**The "Horn" Seed Sower**

A light, accurate Seeder that will broadcast all varieties of clean farm seed, lawn grass, etc. It is made to telescope in three sections and has a feed gauge to regulate the flow of different kinds of seed. The sack is made from a good grade of duck. Shipping weight, 1 lb. Price 75c each.



Price .....\$3.00  
Mailing weight, 6 lbs.

**Asparagus Knives Made of Solid Steel**

No. 260. Concave Straight Edge.....35c  
No. 399. Concave Fish Tail.....40c  
Mailing weight, 1 lb.

**The Feeny Model B Duster—The Best Duster Made**

The Model B is always ready to pick up and use—so clean that you may do your dusting with your good clothes on. Your Garden, Flowers, Fruit, Bushes, etc., will not suffer from insect pests if you have a Model B Duster handy—it does not have to be cleaned after use. You simply use it, lay it aside and pick it up all ready for use the next time. It is so easy, clean and convenient that it is really fascinating to use the Model B Duster. Price 90c.



Here It Is

**Orchard Brand Insecticides**

All Prices Subject to Change Without Notice

**"Orchard Brand" Lime Sulphur Solution**

For Use in the Dormant Period

This material combines the great fungicidal properties of Sulphur with the Scale remedy and is especially recommended for Peach and Plum trees, which need the combined treatment in the Fall and Spring. In spraying this material care should be exercised to avoid getting it in the eyes, and gloves should protect the hands.

Add 10 parts cold water to one part of Lime Sulphur solution and stir thoroughly. Apply with spray pump.

1-Gal. can .....	85c	1/2 Bbl., per gal.....	23c
5-Gal. can .....	\$3.15	Bbl., per gal.....	21c
10-Gal. can .....	\$5.00		

Bbls. extra at \$2.00 each and returnable at same price F. O. B. shippers station before August 1st, 1923, if returned in good condition.

**Orchard Brand Bordeaux Arsenate Lead Powder**

A combined Fungicide and Insecticide. This is a combination of our Bordeaux mixture and arsenate of lead in dry form. It contains not less than 24.1 per cent copper hydroxide, equivalent to 15.7 per cent metallic copper and not less than 30 per cent lead arsenate. It is preferable to the paste form because it is more stable, easier to handle, may be more easily weighed out and is generally more convenient and economical to handle. Directions: 5 to 8 1/4 lbs. to 50 gals. of water according to strength desired.

1-Lb. package, per Lb.....	42c	25-Lb. package, per Lb.....	30c
5-Lb. package, per Lb.....	39c	50-Lb. package, per Lb.....	28c
10-Lb. package, per Lb.....	37c	100-Lb. package, per Lb.....	27c

**Orchard Brand Bordeaux Mixture Powder**

Recommended for Rust, Scab and all kinds of Rot and other fungous diseases. This is a distinctive product, possessing a peculiarly fine physical structure, manufactured according to a special process with a view to insuring good adhesive properties. It contains not less than 33.49 per cent copper hydroxide, equivalent to 21.82 per cent metallic copper. As it is in a dry form, it is preferable to the paste because it is more stable, easier to handle, may be more accurately weighed out, is less wasteful and consequently is more economical in general use. Directions: 3 1/2 to 6 lbs. to 50 gals. of water according to strength desired.

1-Lb. package, per Lb.....	40c	25-Lb. package, per Lb.....	26c
5-Lb. package, per Lb.....	35c	50-Lb. package, per Lb.....	25c
10-Lb. package, per Lb.....	32c	100-Lb. package, per Lb.....	24c

**Dry Powder Arsenate of Lead**

One pound of Dry Arsenate of Lead equals three pounds of any paste Arsenate of Lead. It mixes with water more readily than any other Arsenate of Lead. Stays in suspension better, covers more thoroughly and sticks on the foliage longer; no lumps, no sediment, no waste; simpler, cleaner and better in every particular. Easily prepared for the spray tank.

1-Lb. package, per Lb.....	40c	25-Lb. package, per Lb.....	26c
5-Lb. package, per Lb.....	35c	50-Lb. package, per Lb.....	25c
10-Lb. package, per Lb.....	32c	100-Lb. package, per Lb.....	24c

**Arsenate of Zinc, Powder**

This is a dry powder containing not less than 30 per cent metallic arsenic, equivalent to 40 per cent arsenious oxide. It is convenient to handle, economical to use and equally as effective when used in dry or liquid applications. Owing to its quick killing properties, adhesiveness and freedom from injurious effects, it is recognized as the best material for killing potato bugs, asparagus beetle and some other insect pests on truck crops.

1-Lb. package, per Lb.....	42c	25-Lb. package, per Lb.....	30c
5-Lb. package, per Lb.....	39c	50-Lb. package, per Lb.....	28c
10-Lb. package, per Lb.....	37c	100-Lb. package, per Lb.....	27c

**Atomic Sulphur**

This is a yellowish paste, containing not less than 45 per cent of sulphur in a paste form. The finely divided condition of the sulphur makes it one of the best fungicides available for the control of certain diseases, such as scab and brown rot of the peach and other stone fruits, scab and mildew of apple and some of the rust diseases.

1-Lb. package, per Lb.....	30c	25-Lb. package, per Lb.....	16c
5-Lb. package, per Lb.....	23c	50-Lb. package, per Lb.....	14c
10-Lb. package, per Lb.....	19c	100-Lb. package, per Lb.....	12c

Send for Booklet containing Spraying Schedules and directions for using Orchard Brand Spray Materials.



## Orchard Brand Insecticides—Continued

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

### B. T. S.

This is a dry barium sulphur compound in a granular crystalline form, readily soluble in cold water.

*It can be used for dormant spraying of all fruit trees and in the growing period may be used on apple trees the same as lime-sulphur solution. Like the solution it should not be used in the growing period on peach or other stone fruits.*

A 100-Lb. keg of B. T. S. is equivalent to a 50-gallon barrel of lime-sulphur solution weighing about 600 lbs.

The advantage in having a dry product like B. T. S., which reduces the bulk and weight of material to be handled and dispenses with leakage, will be appreciated by all fruit growers. Price: 1 Lb. 24c. 5 Lbs. 21c Lb. 10 Lbs. 19c Lb. 25 Lbs. 14c Lb. 50 Lbs. 12c Lb. 100 Lbs. 11c Lb.

### Commercial Flour Sulphur

99½ Per Cent Pure

Price: 1 Lb. 5c. 25 Lbs. 4c Lb. 150-Lb. bag \$4.00. 260-Lb. Bbl. at \$3.15 per 100 Lbs.

### Pure Para-Dichlorobenzene for Peach Borer

One of the most troublesome and destructive pests with which the peach grower must annually contend is the peach borer. This insect is found generally throughout the United States wherever peaches are grown, east of the Rocky Mountains.

Unless they are destroyed or removed they will frequently so completely girdle the tree as to destroy the flow of sap and thus cause the tree to die through lack of nourishment.

For the control of the borer PARA-DICHLOROBENZENE has proved to be safe and most effective.

### Dosage

On peach trees six years old and over, use from 1 to 1½ ounces per tree. On peach trees from four to five years old, use ½ to ¾ ounces per tree. It is not advisable to treat trees under

### Arsenate of Calcium, Powder

This is a fine, white powder similar to powdered arsenate of lead. The arsenic is combined with lime instead of lead, thus making a cheaper product. It contains nearly one-third more arsenic oxide than that contained in powdered arsenate of lead. It is recommended for use as a substitute for arsenate of lead on shade trees, grape vines, and the more resistant varieties of apples. It is also valuable for general spraying on vegetables. It is specially recommended for dusting cotton. It should not be used on peaches or other stone fruits.

1 Lb. 33c. 5 Lbs. 30c Lb. 10 Lbs. 23c Lb. 25 Lbs. 20c Lb. 50 Lbs. 19c Lb. 100 Lbs. 18c Lb.

### Blue Stone

Crystal Copper Sulphate 99 Per Cent Pure

Price: 1 Lb. 12c. 25 Lbs. 11c Lb. 50 Lbs. 10c Lb. 100 Lbs. 9c Lb.

four years of age with para-dichlorobenzene. After four or five weeks, it is desirable to scrape away the mounds, removing any remaining crystals away from the tree.

### Time of Application

Where only one treatment is given the application of para-dichlorobenzene should be made from September 1st to October 10th; the earlier date applying in the northern latitudes and the later date in the southern sections of the country.

Some growers prefer to make two applications, in which event the first should be made during the month of June.

Para-dichlorobenzene should not be used on apple trees. 1 Lb. 34c. 5 Lbs. 31c Lb. 10 Lbs. 29c Lb. 25 Lbs. 27c Lb. 50 Lbs. 26c Lb. 100 Lbs. 25c Lb. 150-Lb. Keg 24c Lb.

### Ant-i-cide

For Use Against Ants in Lawns

They are a persistent pest. It is impossible to harbor them and have a good lawn. Either give up the lawn or the ants. If you prefer the lawn, try Ant-i-cide. It is a powder to be sprinkled on the ground. One pound covers about 200 square feet. Guaranteed to give satisfaction or money refunded. Price: 1-Lb. box 25c.

### Aphis Punk, For Fumigating

Specially prepared for Greenhouses and Conservatories. It vaporizes the Nicotine economically and evenly. Nothing keeps a house free from Aphis, Thrip and other plant parasites so thoroughly and cheaply. Price: 1 doz. sheets in airtight package, 80c.

### Powdered Tobacco

For Green and Black Aphis, Fleas, Beetles, etc. Splendid fertilizer and preventative for insects in the ground and around the roots. For insects on plants apply with powder duster or bellows. For Worms or Grubs in the soil, apply liberally to the surface and rake in or strew thickly in the drills before planting. Per Lb. 20c.

### Tobacco Stems

Indispensable for fumigating greenhouses and conservatories for the destruction of Green and Black Aphis and other insects. Dampen thoroughly a few hours before using, place about a half pound over a handful of shavings in a fumigator and light. Also for covering lawns during Winter. It not only acts as a protector, but imparts large quantities of ammonia and drives away insects and moles. 5c. Lb. Large quantities, 50 Lb., 3c a Lb.

### Powdered White Hellebore

Less poisonous than Paris Green and safer to use when fruit or vegetables are nearly ripe. ¼ Lb. 12c. ½ Lb. 20c. 1 Lb. 35c.

### Tree Tanglefoot

For protecting trees against climbing insect pests in a simple, economical and effective way. Tree Tanglefoot, a sticky substance applied directly to the bark of the tree. One application remains sticky on the trees three months fully exposed to weather. Easily applied with small wooden paddle. One pound will spread 8 feet long by 5 inches wide, 1-16 inch thick. 1-Lb. can 45c. 5-Lb. can \$2.00. 10-Lb. can \$3.85.

### Bug Death

Bug Death kills Potato, Squash and Cucumber Bugs; Currant and Tomato Worms, and all Bugs and Worms that chew the leaves of the plants; non-poisonous. Directions for applying dry: For Potato and other vines which require a top application, apply dry with a shaker or sifter, or powder spray at the rate of 15 to 25 pounds per acre to an application, according to size and condition of the vines. Directions for using in water: Add 15 to 20 pounds to 80 gallons of water and mix thoroughly. 1-Lb. package 15c. 3-Lb. package 38c. 5-Lb. package 55c. 12½-Lb. package \$1.25. 100-Lb. package \$8.00.

### Slug Shot (Hammond's)

A light, non-poisonous composite fine powder for killing Potato Bugs, Currant and Cabbage Worms, Chicken Lice, Sow Bugs, Green and Black Fly, Beetles and Caterpillars. Not injurious or dangerous to persons or animals. Easily distributed by duster bellows, or in water by spraying. Ten to 40 pounds sufficient for an acre. 1-Lb. package 15c. 5-Lb. package 45c.

### Paris Green

The chief merit of this article is the destruction of the Potato Bug. It may be used in liquid form, 1 pound in 50 gallons of water, or with Land Plaster at the rate of 1 pounds Paris Green to 100 pounds Land Plaster. Owing to the uncertainty of the market we are unable to quote positive prices, but will furnish prices on application.

### Lemon Oil Company's "Standard" Insecticide

Perfectly safe and harmless to the tenderest foliage and roots. It effectively destroys Mealy Bugs by syringing or dipping. It also destroys Scales, Thrip, Red Spider, Black and Green Fly, Caterpillar, American Blight, Mildew, etc. Dilute with 50 parts of water. ½ Pt. 35c. Pt. 60c. Qt. \$1.00. ½ Gal. \$1.75. Gal. \$3.00.

### Nikoteen

Roses, flowers, shrubs and plants of every kind when sprayed with a prepared bath of NIKOTEEN will brighten at once. The beneficial effect can hardly be exaggerated. If the NIKOTEEN is used at all carefully, IF PROPERLY DILUTED, most of the life-sucking plant lice are killed; spraying should be done early in the year and while the insects and the plants are young. Delay means a multiple of the original few and a harder fight ahead. Price: 1 Oz. 25c. 2 Ozs. 40c. ½ Lb. \$1.15.





**"SAFETY FIRST"**

*"It's no use! They're sprayed with Pyrox."*

You haven't time to take chances. Spray your fruits, vegetables and potatoes with Pyrox and know that your crops are safe from insects, bugs, scab, blight and rot.

Pyrox is first and last for the practical grower. For nineteen years it has stood the test of practical every-day use by practical every-day men.

Pyrox is all ready to use by simply mixing with cold water. It is so smooth and fine that it goes through the finest spray nozzles without clogging. It can be sprayed as fine as fog. It goes farther and does better work.

It sticks like paint. It stays on for weeks. Respraying is necessary only to cover new growth. It gives thorough protection during rainy weather when insects and disease do their deadliest work.

Prices: 1 Lb. 45c. 5 Lbs. \$1.65. 10 Lbs. \$3.00. 25 Lbs. \$6.00. 50 Lbs. \$11.00. 100 Lbs. \$18.50. 300 Lbs. \$51.00.

# KAYLOX

**Insecticide and Fungicide**  
(Two Sprayings at One Operation)

**Can Be Used for Dusting as Well as Spraying**

**KAYLOX is a Powder Not a Paste**

**One Pound of Powder Equals Two Pounds of Paste**

KAYLOX is adapted for spraying for late broods of Codling Moth on Apples, for Potato Beetles, most Caterpillars and many Leaf-eating Insects on fruits and other trees, Tomatoes, Grapes, Currents, Celery, Cabbage, Cauliflower and many other plants.

A preventive of many blights and certain fungous diseases. Used as a general spray—1 pound to 10 gallons or 5 pounds to 50 gallons of water.

For Potatoes, Bitter Rot and Blotch on Apples. Use 1 pound to 7½ gallons or 6½ to 7 pounds to 50 gallons of water.

Not to be used for late Spring or early Summer application on Apples and not to be used on Peaches or Japanese Plums. Price: ½ Lb. 30c. 1 Lb. 55c. 5 Lbs. \$2.50. 10 Lbs. \$4.50. 25 Lbs. \$10.00. 50 Lbs. \$19.00. 100 Lbs. \$35.00.



## Whale Oil and Tobacco Soap

Makes an elegant wash for trees and plants where insect and eggs affect the bark. For plant lice, oyster shell and San Jose Scale. For April or May spraying for scale or when buds are breaking use 1 lb. to 5 gals. of water. Do not spray when in bloom. 1 Lb. 30c.

## Cutworm Killer

A coarse powder for sprinkling in proximity to the vegetation to be protected. 1 Lb. box 25c.



## Why Raise Roses to Feed Bugs

Melrosine—the only remedy—endorsed by leading authorities. The GENERAL CONTACT INSECTICIDE that KILLS ROSEBUGS and other insects. Used with any good spray-pump, diluted with from 20 to 25 parts of water. Pleasant and harmless to use. Guaranteed effective when used according to direction on can. Gal. \$6.00. ½ Gal. \$3.25. Qt. \$1.75. Pr. \$1.00. Trial Size, 50c. By mail or express at customer's expense. Descriptive booklet on request.

**Melrosine—It Kills Rosebugs**



## So-Bos-So Kilfly

**Keeps the Flies Away from the Cow**  
**Increases Milk Production Over**  
**20 Per Cent**

Don't let your cows suffer from the torture of flies. When their energy is used to switch the flies from their backs they cannot give the maximum amount of milk. It makes them irritated and run down.

Spray the cow twice a day with SO-BOS-SO KILFLY and the flies will not bother the cows while milking or while in the pasture. Not injurious to skin. Will not gum the hair. Positive protection. Is the most effective preventive against the torture of flies known to chemical science. Has been used for over 17 years in the United States and foreign countries.

FOR HORSES. You can spray the horses while at work and they will respond with more and better work. Their energy, like the cow's, is wasted



in Summer months with the constant fly switching. Conserve this energy and note the difference in the amount of work that your horses are able to do.

Put up in gallons cans—enough or 200 cows or for one cow 100 days. 1 Qt. 50c. ½ Gal. 70c. Gal. \$1.10.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

# Pyrox

The great combined insecticide and fungicide. The loss caused by insects on fruit and truck crops in this country each year is over \$100,000,000.

The damage done by fungous diseases in this country each year is estimated to be fully as great as that done by insects.

Pyrox kills all leaf chewing insects and at the same time protects the crop against all fungous diseases.

Pyrox is used for spraying fruit trees, potato and tomato vines, cucumbers, melons, celery, peppers, egg plants, squashes, cabbage, sweet potatoes, beans, asparagus, corn, shrubs and flowers. It is particularly valuable for tomatoes, invigorating the vine and killing the worms. It kills apple worms and potato bugs, codling moths and all other chewing insects, prevents fungous diseases such as apple scab, potato blight and bitter rot; it sticks to and protects the foliage in spite of heavy rains; it is smooth and fine, goes through the finest nozzle, thus going further and doing more effective work.

Pyrox keeps the foliage healthy and green throughout the growing season; gives it greater vigor and enables your vegetable plants and fruit trees to produce to their very limit.

**Spray Early.** It is important that remedies to kill blight and bugs be applied before the bugs or blight show themselves. The great secret is to begin early. Prepare for them in advance. Do not wait until the vines are covered with bugs or show blight before applying the remedy.



## "Black Leaf 40"

**"Black Leaf 40" is Truly a "Contact" Insecticide**

The "sucking" insects feed by inserting their sharp, slender beaks into the interior of the leaf, blossoms, etc. They cannot eat plant tissue, and, therefore, cannot eat poisons, hence must be destroyed with a preparation which kills by coming in contact with their bodies—in other words, by a "contact" insecticide. The most common sucking insects, with soft bodies, are the aphids (plant lice), thrips and leaf hoppers. They may be effectively controlled with "Black Leaf 40," a concentrated solution of nicotine sulphate guaranteed to contain 40 per cent of nicotine by weight. 1 Oz. 25c. ½ Lb. \$1.25. 2 Lbs. \$3.75. 10 Lbs. \$15.50.

## Target Brand Weed Killer

Destroys Weeds, Grass, Poison Ivy, Sumac and all kinds of undesirable vegetation. An application of this will keep drives, walks and tennis courts absolutely free from vegetable growths. Target Brand Weed Killer is a liquid which is to be diluted in water. It can be applied with an ordinary sprinkler or watering pot. Mix one part to 49 parts of water. 1-Qt. can 70c. 1 Gal. \$1.75. 5 Gals. \$7.00. Bbl., 50 gals., \$47.50.



## Sulpho Tobacco Soap

An excellent article for the person with a few plants. Especially good for destroying scale on palms and other plants. Soluble in warm water. Per 3-oz. package 7c; postage 2c. 15c per 8-oz. package; postage 4c.

# Dethol

**Insecticide—Moth Preventive—Disinfectant—Deodorant**

Dethol is an efficient insecticide that quickly kills and rids premises of such pests as flies, mosquitoes, roaches, bed bugs, ants and water bugs. Spray Dethol around windows and keep out flies and mosquitoes. When bothered with roaches, ants and other bugs, Dethol sprayed on infested places will quickly draw out these pests and a few more applications will kill them instantly. Spray Dethol thoroughly and frequently everywhere in the bed room and on the bed if troubled with bed bugs. As a moth preventive, Dethol can be freely sprayed on clothing, rugs, draperies, etc., as it will not stain even the most delicate fabrics.

Spray it on refuse cans, in outhouses and in damp cellars where foul odors are likely to arise, and it will quickly neutralize and do away with all such offensive odors.

Do not spray Dethol on or near growing plants. Price: Pt. 50c. Qt. 90c. Gal. \$2.75.

## MANY USES FOR SO-BOS-SO KILFLY

1. Spraying cows, horses and other stock in flytime.

2. Used in pig pens, poultry houses, etc.—gets rid of lice and vermin.

3. A thorough disinfectant.

Economical because when thoroughly sprayed into crevices it lasts several months.

4. Sprayed in the barn and yard, it kills breeding flies and mosquito larvae. Kills the stench of rotting vegetable matter and manure.



ALL GALVANIZED WIRE PRICES SUBJECT TO CHANGE WITHOUT NOTICE

### "Square-Deal" Ornamental Gates

Our "Square-Deal" Ornamental Gates are made to match our "Square-Deal" Ornamental Lawn Fence. The frames are made of best grade 1½-inch O. D. tubular steel. All "Square-Deal" Ornamental Gates are equipped with scroll top and spring latch. The fabric in all "Square-Deal" Ornamental Gates are made especially to fit the frame of the gate. There are no sharp ends projecting, and each filler is a complete piece of fabric in itself.

#### Price of Ornamental Walk Gates

Height	Width	Price, Each
36, 42 or 48 inches.....	3 feet	\$3.25
36, 42 or 48 inches.....	3½ feet	3.50

### "Square-Deal" Ornamental Lawn Fence

Style 600 Fabric

#### Specifications

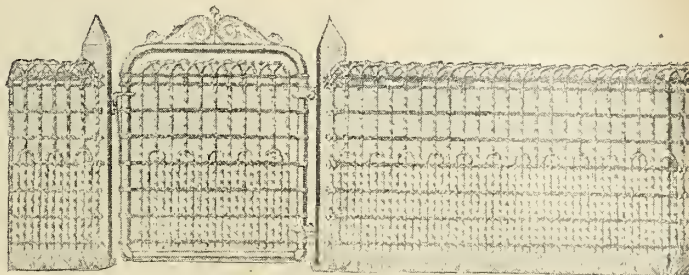
Upright or picket wires are No. 9 heavily galvanized, spaced 2½ inches apart at top, with an additional No. 9 galvanized picket interwoven, so as to give an extra close spacing of 1⅝ inches at the bottom.

Cabled line wires are No. 12½, spaced 6 inches apart, except the two top cables, which are spaced 2⅝ inches apart.

Height of fabric.....	36 inches	42 inches	48 inches
Number of cables.....	7	8	9
Price per lineal foot.....	13c	14c	16c

Put up in 20-rod rolls. Full rolls 10 per cent discount.

The extra pickets at bottom of fabric engage the lower cables as follows: 36-inch and 42-inch, four cables; 48-inch, five cables.



### National Poultry and Garden Fence

Stay Wire Six Inches Apart

Furnished in Ten Rod Rolls. Prices F. O. B. Baltimore, Md.

Top or bottom boards are not required with this Poultry Fence. The heavy top and bottom wires and the close spacing make the fence rigid and easy to stretch.

The illustrated cut at the right shows the National Poultry and Garden Fence, giving the inches of spacing, the number of bars and the heights. We carry in stock the three most popular heights, as listed below. The National Poultry and Garden Fence makes an ideal fence against poultry and all small animals. The spacing (as per illustration) is graduated from 1½ inches at the bottom to 5 inches at the top. The distances between the stay wires is 6 inches.

Furnished in rolls of 10 rods each, or 165 lineal feet, at 10 per cent discount from prices listed below.

Style No.	Distance Between Stays	Height, Inches	Number of Bars	Approximate Weight per Rod	List Price per Rod	Our Price per Rod
2158	6	58	21	10.8	\$1.37	\$.75
1948	6	48	19	9.7	1.22	.65
1635	6	35	16	8.0	1.01	.55

DISTANCE BETWEEN BARS, INCHES		21 BARS 58 INCH HIGH	
5	20	53	"
5	19	48	"
4½	18	43	"
4½	16	35	"
4	16	35	"
3½	13	24	"
3½	13	24	"
3	13	24	"
2½	13	24	"
2	13	24	"
1½	13	24	"

### National Close Mesh Hog and Cattle Fence

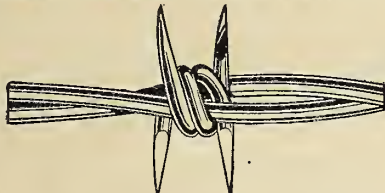
Made Especially for the Southern Trade. Stay Wires are 12 Inches Apart

Furnished in 20-Rod Rolls, at 10 Per Cent Discount from Prices Listed Below

The illustrated cut at the left shows the National Close Mesh Hog and Cattle Fence, giving the inches of spacing, the number of bars and the heights. We carry in stock the two most popular heights, as listed below. The spacing is graduated from 2 inches at the bottom to 6 inches at the top, as shown in the illustration. All prices on Wire F. O. B. Baltimore, Md., and subject to change without notice.

Style No.	Number of Horizontal Wires	Height in Inches	Approximate Weight per Rod	List Price per Rod	Our Price per Rod
1346	13	46	9.3	\$1.07	50c
1134	11	34	7.8	.90	45c

### National Hog and Cattle Barbed Wire



There is always a heavy demand for a good Barbed Wire. We carry in stock the Four-Point only.

Four-Point Hog Barbed Wire.....	5c per lb.
Four-Point Cattle Barbed Wire.....	5c per lb.

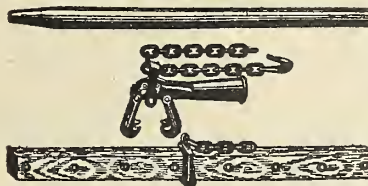
### Hardware Cloth

For lining corn cribs, to circle around brooders for newly hatched chicks. Put up in rolls of 100 feet.

12-inch, 100 square feet.....	\$6.50
18-inch, 150 square feet.....	9.75
24-inch, 200 square feet.....	12.50
30-inch, 250 square feet.....	15.75
36-inch, 300 square feet.....	18.75
48-inch, 400 square feet.....	25.00

10 per cent discount from prices listed above on full rolls.

### The Lott Stretcher



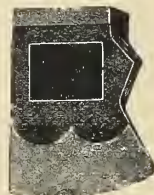
This Stretcher is operated by a long lever, and can be used singly, pulling from center of clamp, or in pairs, pulling from top and bottom. All stretching chains are 8 feet in length. We do not furnish levers.

Our Special Price, \$3.50.

### Mann's Superior Juniata

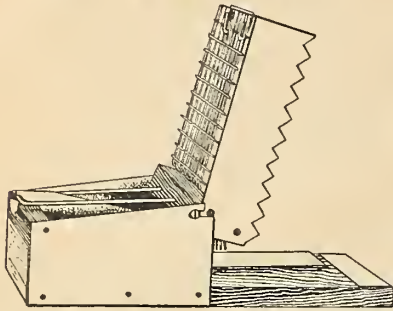
First quality welded steel handled ax. Painted red, full polished cutter.

	Weight, 3½ to 6 lbs.
Handled .....	\$1.75 each
Unhandled .....	1.25 each

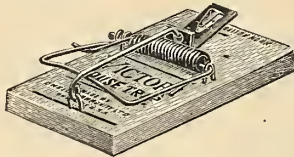




Parcel Post Table, See Page 2

**The Faultless Rat Killer**

Deceives the most cunning and wary animal by holding baits out in the most deceiving and tempting manner. Kills instantly without a squeal to warn or attract its mates, enabling you to repeat the performance every few minutes. A child can work it. This is the best trap we have ever handled. Every sale is followed with a repeat order. Price 50c each. Mailing weight, 2 lbs.

**Victor Mice and Rat Traps**

For Mice, three for 10c.  
Rats, 10c each, three for 25c.  
Mailing weight, 1 lb.

**Barium Carbonate**

A sure rat exterminator. The poison that has rid Baltimore and other large cities of rats. 25c per box, \$2.75 doz. Postpaid.

**RAT CORN**

Small trial size package.....25c. Postpaid  
Medium size package.....50c. Postpaid

**"Delphos" Improved Sheet Iron Corn Popper****Why Better Than Others**

First—Has all merits of other poppers.

Second—Patent "Delphos" tinned wire rod operating cover device, running through sheet metal handle, opens and closes cover, preventing finger burns.

Third—Improved sunken butter drainer in cover of pan.

Fourth—Perforated cover for shaking out un-popped grains.

Fifth—Handsome embossed cover and improved general construction.

Price 35c each. Mailing weight, 2 lbs.

**Red Cross Cider Mills****The Junior and Medium**

These mills have no superior at any price, in design, ease of operation or appearance. The frame is made of maple and finished in natural wood color. The press-screw is of steel, with accurately cut threads, and operates through a heavy cast-iron crosshead.

The Junior and the Medium are similar in construction, the Medium being a larger and heavier mill. Each is fitted with a heavy pulley, 16 inches in diameter, and this may be driven with a 2½-inch belt from a small gasoline engine. These sizes are usually operated by hand, and the pulley, which weighs 20 pounds, serves as a very effective balance wheel.  
The Junior weighs 180 pounds and has a capacity of 2 to 4 barrels of cider per day. Price \$27.25.  
The Medium weighs 235 pounds and has a capacity of 3 to 6 barrels of cider per day. Price \$31.25.

**The Senior**

The Senior is of the same general design as the Junior and Medium, but is larger and is operated by power or by two cranks, which are furnished with the mill.

The Senior has a capacity of 6 to 12 barrels of cider per day, and weighs 341 pounds. Price \$44.75.

**The Force Feed Cider Mill**

This mill should not be confused with other single-tub mills of the Hutchinson type, which will only grind apples that have been halved or quartered. We guarantee this machine to handle all sizes of apples without clogging or being forced.

The Force Feed weighs 130 pounds and has a capacity of 1 to 2 barrels of cider per day. Price \$19.00.

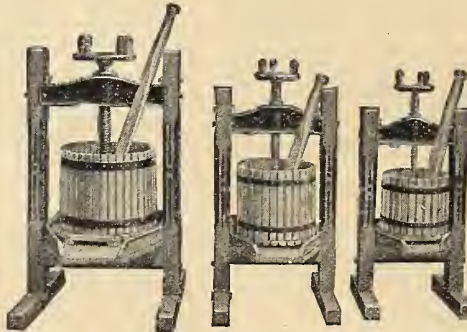
**The Bearings**

An exclusive feature of our mills is the type of bearings used. These are eccentric and self-aligning. The distance between the rollers is varied by revolving the eccentric boxes. The hole through this box is bored off center in the direction of the pointer. If it is desired to move the rollers closer together, these lugs, or pointers, are turned toward each other.

A great advantage is gained over the old eccentric belt by using our self-aligning feature, by means of which the box is free to turn in any direction. The old style will bind unless the shafts are absolutely parallel and at right angles to the bearings. Our boxes do not bind in any position.

The bearing box has a large cavity in the center surrounding the shaft and this cavity is packed with a good grade of grease before the mills leave the factory. This makes it unnecessary to oil the bearings during the first season.

No Other Cider Mill Has These Features

**RED CROSS Fruit Presses**

Red Cross Fruit Presses have heavy iron cross-heads. The press screws are heavy cold rolled steel with accurately cut threads. The follower and handwheel are iron. Frames are heavy and strongly bolted together. Troughs are wide and deep. Tubs are capacious.

Capable of withstanding great pressure, Red Cross Presses enable the user to get all the juice from the fruit.

Red Cross Presses are numbered 1, 2 and 3 merely to differentiate the sizes. They are made of Junior, Medium and Senior parts respectively and should not be confused with other and lighter machines of the same numbers.

No. 1 PRESS—Height of legs, 36 in. Tub, 10 in. high, 12 in. diam.  
Press screw 1½ x 18¾ in. Weight each, 72 lbs. Price \$13.50.  
No. 2 PRESS—Height of legs, 40 in. Tub 12 in. high, 14 in. diam.  
Press screw, 1½ x 20 in. Weight each, 100 lbs. Price \$16.75.  
No. 3 PRESS—Height of legs, 46 in. Tub 14 in. high, 17 in. diam.  
Press screw 2 x 23½ in. Weight each, 168 lbs. Price \$22.00.

**Pennsylvania Fruit Picker**

More Pennsylvania Fruit Pickers are used than all other makes combined. A reliable Fruit Picker which can be sold at a low price.

As a Fruit Picker it has no superior. Made of Heavy Galvanized Wire, and easily adjusted to a pole.

It will gather Apples, Peaches, Pears, etc. Mailing weight, 1 lb. each. Price 40c each. \$4.00 Doz.

**"HOLDZEM"**

An Adhesive Especially Prepared for Catching Rats and Mice.

**Price**

1 lb. ....\$2.25  
2 lbs. .... 4.50  
5 lbs. ....10.00

Preferable to Poisons or Metal Traps. SAFE—Non-Poisonous—Non-Inflammable.  
EFFECTIVE—For use inside or outside of buildings. EASY—Just spread it on a board.



ART SET



Bluebird No. 62 Wren No. 61 Robin No. 60  
\$1.65 Each. The Three for \$4.75  
Weight 9 pounds

Lark, Red Winged Blackbird, Bobolink, Blue Jay, Phoebe, Flickers, Red Headed Woodpeckers and Yellow Billed Cuckoo are all great insect destroyers. The Government has gone very extensively in their investigation, and on examining the stomach of the birds they have found the larger percentage of its contents to be insects, and many of these insects are giving the fruit growers the most trouble; had our birds been protected years ago, spraying would not be necessary today. From the Government investigation was learned another important truth, that birds feed on weed seed, and this is of great benefit to the American farmer, as it reduces the crop of weeds that oftentimes prove a destruction to crops in wet seasons.

Why should we neglect something so important and something that means so much to our welfare? Let us impress you to start now and use your best efforts to protect your birds and keep them at home.

Put up feeding boxes and feeding shelters. Keep plenty of feed in them. We can supply you with the many different varieties. Wild seeds make a good feed for the birds. If you want birds to have their home in the grove near your home, take advantage of the opportunity now and put up bird nest boxes. They will build their nests there in the Spring, thus making your home a source of pleasure with their morning songs. What is more beautiful than having all the trees filled with birds warbling their songs? Don't delay in putting up the bird box nest, as they locate their nest building early.

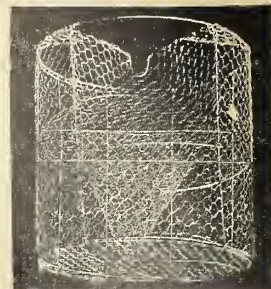
We wish we could make our words strong enough for you to understand that it is just as much profit for you to feed and care for the birds as it is to feed and look after your poultry. Write to the Department of Agriculture for Farmers' Bulletin No. 630. This will give you knowledge that will cause you to study the bird proposition and you will get busy in doing all you should to make your location a place for birds to dwell.

# Bolgiano's Bird Houses

## KEEP YOUR BIRDS AT HOME

Great enthusiasm is now being shown in the protection of our native song birds; fewer birds migrate because the many bird friends are doing all in their power to keep the birds at home by placing feeding boxes and shelters conspicuously on their lawns and groves, to feed and shelter them from the Winter storms. In doing this you are furnishing food for the birds when it is impossible for them to find food from natural sources.

You understand birds are great insect destroyers; it is reported by the United States Department of Agriculture that Blue Birds, Robins, Black Capped Chickadee, House Wren, Brown Thrasher, Cat Birds, Barn Swallows, Towhee, Song Sparrows, Field Sparrows, Purple Grockle, Baltimore Oriole, Meadow



Crescent Sparrow Trap

### Sparrows the Bolsheviks Among Birds

Some of their evil traits: Greedy in matter of food; mostly grain eaters. The few insects they eat do not balance their damage to grain and all sorts of garden crops. Never a song. Their quarrelsome noise and chatter is annoying.

They are certainly "Free Lovers," breaking up family life of Wrens and other small birds, even at times attacking Robins.

By parcel post, size 18 x 18 inches. Weight 9 pounds. Price \$5.00 and post charges.

## Prices Bolgiano's Rustic Bird Houses

### WREN HOUSES—5 STYLES

Log Cabin, No. 11; Teepee, No. 12; Shack, No. 13; Bungalow, No. 61 and Slab, No. 23. \$1.65 each; any three for \$4.75. Add postage. Weight 4 pounds each.

### BLUE BIRD HOUSES—2 STYLES

No. 21 and No. 62. \$1.65 each. Add postage. Weight 4 pounds each.

### WOODPECKER HOUSES

No. 25. \$1.65. Weight 4 pounds. Postage extra.

### ROBIN HOUSE, No. 60

\$1.65. Weight 4 pounds. Postage extra.

### COMBINATION WREN AND ROBIN HOUSE

No. 63. Wren with Robin pulpit. \$2.00. Weight 5 pounds. Postage extra.

### BRACKET WREN HOUSE, No. 17

"Jennie's Choice." Weight 3 pounds. \$1.50. Postage extra.

### HANGING BARREL WREN HOUSE, No. 50

English Sparrows do not trouble this swinging house. Price \$1.50. Weight 3 pounds. Postage extra.

### SWINGING HOUSE, No. 14

Suitable, for either Wren or Blue Bird. Interchangeable. Price \$2.00. Weight 4 pounds. Postage extra.

## Valuable Books on the Farm and Garden

### CARE OF PLANTS, Etc.

### GARDEN GUIDE

### THE AMATEUR GARDENER'S HANDBOOK



Tells how to plan, plant and maintain the home grounds, the suburban garden, the city lot; how to grow good vegetables and fruit; how to care for roses and other favorite flowers, hardy plants, trees, shrubs, lawns, porch plants and window boxes. Chapters on garden furniture and accessories, with useful rules and receipts, selected lists of plants, etc.

### THE GARDEN GUIDE

Covers all of the above subjects fully; tells what to do and how to do it, from plowing up the ground to storing or canning the harvest. Written by gardening experts to meet the wants of the home gardener, who will find in it an answer to the 1001 questions that crop up season after season. The GARDEN GUIDE is the most practical book of its kind published.

Handsome four-color cover. 384 pages. 15 Planting Plans. 275 teaching illustrations. Price: Paper bound, \$1.00 (\$1.10 postpaid). Cloth bound, \$1.50 (\$1.65 postpaid).

### HOME FRUIT GROWER

A practical guide to the growing of fruit for home use. It covers the entire subject of growth, cultivation, pruning and grafting. Illustrated with teaching pictures. Beautiful cover in four colors. Very valuable. Paper bound, \$1.00 (\$1.10 postpaid). Cloth bound, \$1.50 (\$1.65 postpaid).

### MILADY'S HOUSE PLANTS

To all women taking pleasure in the companionship of plants in the home and wishing to be made acquainted with the conditions essential to their well being, this instructive book, concisely written and easily understood, will make a strong appeal. 100 illustrations. 4 color cover. The chapter on "Sun Parlors as Plant Rooms" is a new departure. The subject is gone into minutely and this one chapter alone is worth many times the price asked for the book. Paper bound, 75c (80c postpaid.) Cloth bound, \$1.00 (\$1.10 postpaid).

### PLANT PROPAGATION

Second Edition Revised and Greatly Enlarged

This book is written to instruct the florist and gardener in knowing just how to propagate the plants he expects to grow without the necessity of consulting more voluminous or expensive works. Copiously illustrated with instructions readily understood. It makes clearer a thousand little points which the old edition touched upon. Cloth bound, 2.00 (postpaid \$2.15).

### LANDSCAPE GARDENING, PRACTICAL

A work containing practical and detailed information on subjects pertaining to the general landscape development of residential properties. Essential points illustrated by numerous sketches, plans and photographs. 266 pages. Cloth bound, \$2.50 (\$2.65 postpaid).

### A LITTLE BOOK OF ANNUALS

By ALFRED C. HOTTES

This Little Book of Annuals has been written for the increasing throng of amateurs who grow flowers for the love of them. It is a reliable guide through the season of annual bloom. A handsome, carefully written, thoroughly edited, freely illustrated, accurately indexed book of 128 pages.

Paper cover, \$1.00, postpaid, \$1.10; cloth binding, \$1.25; postpaid, \$1.35.

### A LITTLE BOOK OF PERENNIALS

companion book to above, now in preparation.

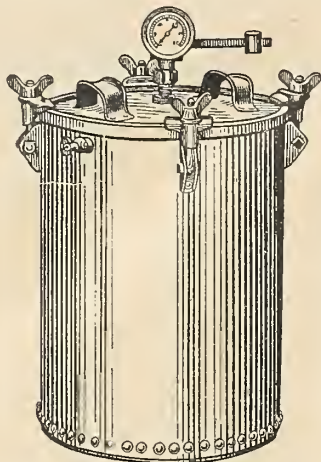


If You Are Interested in Hotel, Factory or Community Steam Pressure Canning Outfits, We Will Be Pleased to Furnish Prices

### "National" Junior No. 1 Canner For Canning Vegetables, Fruit, Meat, Fish, Etc.

Shipping  
Weight  
55  
Pounds

Price  
**\$20**



Daily  
Capacity  
200  
to  
400  
Cans

Consists of one 12 x 18 inch steel retort, with cover, packing, etc., steam gauge, one perforated galvanized crate, one safety valve, one petcock, one triangle and one thumb nut wrench.

In order to be prepared to can all varieties of fruit, vegetables, meats, fish, etc., it is absolutely necessary to have a "Steam Pressure Canner," as this is the only way you can be assured of perfect sterilization. A great many vegetables and all meats require a pressure of 250 degrees Fahrenheit for perfect sterilization, and the only way this can be attained is with steam under pressure. Our "National" Junior No. 1, which is illustrated above, is particularly well adapted for canning in the home and also for use by Government demonstrators. It will hold ten quart jars or fifteen pints at one loading. Tin cans may also be used. With one of our small canners you can put up enough fruit, vegetables, meats, etc., to supply the table for the entire year at a great saving.

### A Few Reasons for Canning in Sanitary Tin Cans With The Burpee Home Can Sealer

**Marketable.** When canning is done in the regular marketable size tin cans, much fruit and vegetables that now go to waste can be canned and sold.

**Simple and Easy to Operate.** The machine is simple, inexpensive, easy to operate and can be clamped to any table. One machine can be used to seal the No. 2 (pint) and No. 3 (quart) size cans. A separate machine is used for sealing the gallon cans.

**Receipts.** A book of reliable receipts for canning fruit, vegetables, soups, meat and fish is supplied with each machine.

**Costs Less.** The cost of tin cans is much less than glass jars and there is absolutely no danger of breakage.

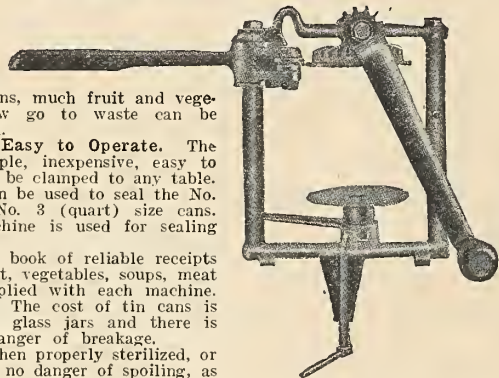
**No Loss.** When properly sterilized, or cooked, there is no danger of spoiling, as the cans always seal airtight.

**Flavor Retained.** The delicious flavor of the fresh fruits and vegetables is not lost when canning in tin cans, because the cans are sealed airtight before the cooking is done.

**Reduces Labor and Fuel.** By piling the cans one on top of another when being cooked, twice the amount can be cooked in the same time.

**Sealer Without Opener and Can Saving Features**  
No. 2. Burpee Home Can Sealer, for sealing No. 2 (pint) Sanitary Tin Cans..... \$16.50  
No. 3. Burpee Home Can Sealer, for sealing No. 3 (quart) Sanitary Tin Cans..... 16.50  
No. 23. Burpee Home Can Sealer, for sealing both No. 2 and No. 3 Cans..... 19.00

**Sealer With Opener and Can Saving Features**  
Nos. 2 or 3. With opener and reflanger..... \$20.00  
No. 23. With opener and reflanger..... 22.50



No. 65

### Royal Fruit Jar Wrench

Make your jars absolutely airtight. Save your hands and eliminate waste.

Price 10c each.

### "National" Aluminum Pressure Cooker

The high cost of living can be reduced materially by the use of our Aluminum Pressure Cooker and many hours of time can be saved by the housewife every day in the year. The outfit is complete in every detail and should be a part of the equipment of every kitchen. It is made of highly polished aluminum and the fittings are all of high-grade brass, which also adds greatly to the appearance of the cooker. The cooker may also be used for canning in small quantities.

The steam gauge registers the number of pounds pressure in the cooker at all times and is absolutely reliable. The petcock is to create free circulation of steam and should be left entirely open until all the cold air is forced out of the cooker and steam commences to pass off, when it should be partly closed. The special safety valve, which is made specially for use with the "National" Pressure Cooker, is adjustable so that it can be set at any desired point and will automatically blow off the excess steam so as to maintain the desired pressure for the necessary length of time. This is one of the features of the "National" which will not be found in any other style of pressure cooker. There is absolutely no danger connected with the operation of it, and a complete receipt book, together with instructions for operating, are furnished with each outfit.



**10 Quart Size (liquid capacity).** Inside diameter, 9 ins. Height, 8¼ ins. Net Weight, 9½ lbs. Shipping weight, 12 lbs. Price, \$29.00.

**17 Quart Size (liquid capacity).** Inside diameter, 11¼ ins. Height, 10½ ins. Net weight, 18 lbs. Shipping weight, 25 lbs. Price, \$37.00.

**25 Quart Size (liquid capacity).** Inside diameter, 12½ ins. Height, 11½ ins. Net weight, 23 lbs. Shipping weight, 30 lbs. Price, \$44.00.

### "Thrift" Way

#### "Thrift" Seals Them Tight and Keeps Them Right

How many of the jars of vegetables and fruits that you "put up" last year spoiled? Canning experts state that for every dozen jars packed, processed and sealed the ordinary way, two are lost. But not the Thrift Way—because foods canned the Thrift Way can't spoil. They are mechanically and hermetically sealed before cooking; sealed just as the big packers seal their jars for market—with all the flavor and juices in the jar. The Thrift Way is easier and quicker, too. No uncertain tops or rubber rings to bother with; no hot jars to handle. It isn't the number of jars you "put up" its the jars that keep that count. That is why so many women who can foods for home or market are using the Thrift Way.



### THE THRIFT SEALER

#### "Thrift" Way Jars Are Extra Strong

Thrift jars are made of the finest clear flint glass. They will stand unusual extremes of heat and cold; and constant use for many years. Made in two sizes, quart and pint and a quarter with wide mouths making them easy to fill and clean.

#### The "Thrift" Sealer

A filled jar (filled only to within one-half inch of the top) is placed in sealer, with patent cap on mouth of jar. Lowering handle of sealer presses head of sealer over cap and mechanically "crimps" cap on mouth of jar; sealing it airtight—hermetically. As an extra precaution lift handle, give jar a slight turn and again press down handle, giving the jar an extra sealing. No strength or skill is required to seal the Thrift Way; a child can do it perfectly.

1¼ Pint Thrift Jars and Caps \$1.15 per dozen.

1 Quart Thrift Jars and Caps \$1.40 per dozen.

Extra Thrift Caps per box of 6 doz. \$2.15.

Thrift Sealer \$2.50.



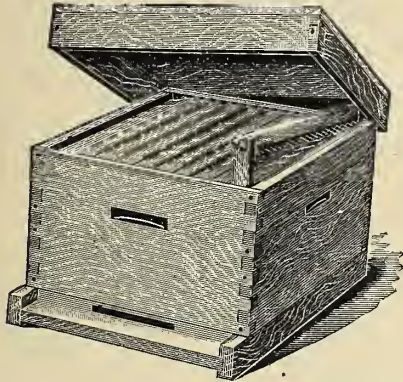
# Beekeepers

To our customers who have bees, and to those who are interested in this vocation, we wish to announce that we will carry an ample stock of standard goods to meet the average beekeeper's needs. There is no better line of supplies than the one we have secured. It is the well-known ROOT Quality and will give entire satisfaction. We stand back of these goods with our own guarantee, and they are also supported by the guarantee of THE A. I. ROOT COMPANY, of Medina, Ohio, the manufacturers.

We will only illustrate and describe a few of the hives and supplies which we will have to offer.

We will issue a special catalog for beekeepers. Please write for a copy.

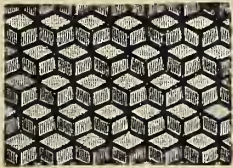
## One-Story Standard Hive, With Metal Cover



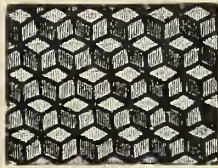
This hive is the one most universally used by the largest honey-producers on account of its light weight and the ease with which it may be moved from one location to another. It is of highest quality throughout, being made of best selected white pine, perfectly milled and fitted together.

While made either in eight-frame or ten-frame size, we recommend the ten-frame hive. It consists of a bottom-board, double telescoping cover with metal cap and body or brood-chamber, with Hoffman frames. Nails and tin rabbets are included with all hives.

## Comb Foundation

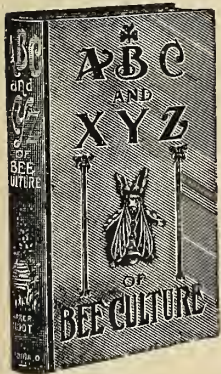


Medium Brood



Thin Super

We carry fresh comb foundation, without which it is quite difficult to secure straight, perfect worker comb in the brood nest or straight marketable sections of comb honey in sections.



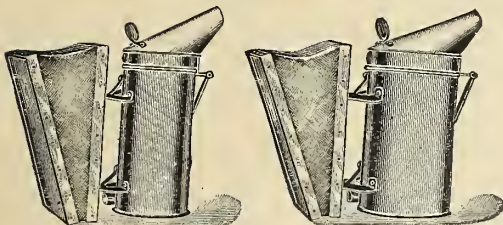
This edition of the A B C and X Y Z of Bee Culture contains 850 pages of real information on bees. It is arranged alphabetically, making it a fine reference book in time of doubt.

## Bee-Gloves



Bee-Gloves are furnished in three sizes: Small, Medium and Large.

## Root Smokers

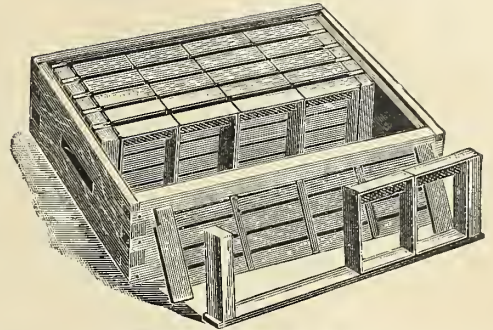
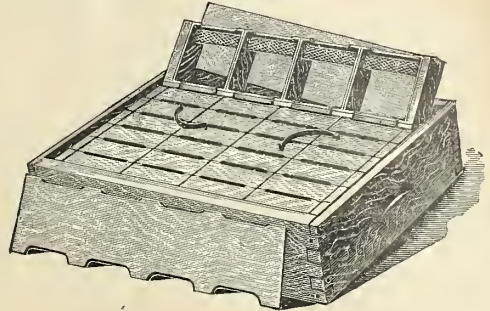


Standard

Jumbo

Root Smokers are so well known that they need no introduction. We carry both Standard and Jumbo sizes, in copper and tin.

## 4 1/4 x 4 1/8 x 1 1/8 Beeway Section Super for Comb Honey in Sections



## 4x5x1 1/8 Plain Section Super

We show two of the most practical supers for comb honey. These two have stood the test of use and are today more generally used than any other. We can heartily urge you to use either, especially the 4x5x1 1/8, which produces that tall, well-filled section that sells so easily.

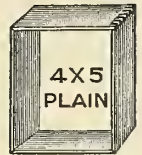
## Section Honey-Boxes



## 4 1/4 x 4 1/8 x 1 1/8 Inches Wide with Two Beeways



4 1/4  
SQUARE  
BEEWAY



4X5  
PLAIN

## 4x5x1 1/8 Plain Section, no Beeways

These sections are made of clear white basswood and fold without breaking.

Furnished in packages 100, 250 and 500 in either style.



## Root Bee-Veils

For those who need protection a Root Veil will prove quite adequate. It is light, durable and built on right principles.

Write for Special Catalogue on Beekeeper's Supplies and Prices



ANNE ARUNDEL Co., Md.,  
March 1, 1922.

The J. Bolgiano Seed Co.,  
Baltimore, Md.

GENTLEMEN: It is with great pleasure that I am writing to you to tell you of the wonderful success I have had since feeding your "Square Deal" Buttermilk Starting Feed.

Our first hatch came off February 14 and our second hatch one week later. The chicks at this writing are three weeks and two weeks old respectively, and of course have been confined to their brooder since they were hatched on account of the weather. So far we have had absolutely no mortality and the rate of growth and development of these chicks has been very gratifying to me to say the least.

I heartily recommend your Starting Feed unreservedly to anyone raising chicks, especially in large numbers.

Thanking you for past favors, I beg to remain,

Yours respectfully,  
L. M. SCHNEIDER.

FRANKLIN COUNTY, PA.,  
February 4, 1922.

The J. Bolgiano Seed Co.,  
Baltimore, Md.

GENTLEMEN: Having used your "Square Deal" Chick Starter last season with success, I should like to feed it again this year.

If you are still making it, please quote price.

Respectfully,  
J. W. BERGER.

CUMBERLAND COUNTY, PA.,  
July 10, 1922.

The J. Bolgiano Seed Co.,  
Baltimore, Md.

GENTLEMEN: I received my last order O. K. and am well pleased with the fine beef scrap you sent me, and will order several hundred more in the near future.

I also appreciate the thirty cents rebate you sent me, not that the thirty cents is so much to me, but now I can send you a check with my orders with the assurance that I will get back what I send over the price of the goods. Sears Roebuck & Co. is the only other house I have dealt with that sends back what is over the amount.

If you can quote prices on poultry feed this fall that I can buy it as cheap from you after paying the freight, I expect to buy several tons for the winter. I would appreciate it very much if you will advise me when you could give me the lowest prices on Gluten Feed by the ton.

Wishing you a successful season, I remain,

Yours truly,  
G. C. HAKING.



BALTIMORE COUNTY, Md.,  
September 25, 1922.

The J. Bolgiano Seed Co.,  
Baltimore, Md.

GENTLEMEN: I received the feed ordered several days ago and am very much pleased with it. I really do appreciate your kindness and service, and I will always endeavor to recommend, and try to have those whom I come in contact with, to patronize your Company, as Baltimore firms such as yours should be recognized.

Thanking you and hoping you will ship the enclosed order out promptly, I remain,

Yours truly,  
J. FITZGERALD.

PRINCE GEORGES Co., Md.,  
June 17, 1922.

The J. Bolgiano Seed Co.,  
Baltimore, Md.

GENTLEMEN: Allow me to congratulate you on the quality of feed and seeds you sell. I have been in the poultry business now for six years, and I have never been able to get the quality of feed anywhere that I am now getting from you.

I have also planted your garden and field seeds and have received good crops in return, and every time I send you an order I know I am getting quality and saving money.

Any time you wish to use my name as a reference or refer any one to me

in regard to the quality of goods you sell, it will be a pleasure to me to have you do so.

Thanking you for past favors, I am,

Very truly yours,  
L. B. SEDWICK.

## A New "Square Deal" Feed

Last Spring, after several successful and practical experiments, we offered to our trade "SQUARE DEAL" BUTTERMILK STARTING FEED.

This feed is a creation of our own, and the public demand for it the first season surpassed all expectations. This in itself should be ample evidence of its value as a primary feed for baby chicks.

The marvelous rate of growth and development attained by chicks fed on "SQUARE DEAL" BUTTERMILK STARTING FEED, is explained by the fact that there is present in the mixture in the most palatable and assimilable form, the proper proportion of the essential nutrients necessary for the proper development of bone, tissue, and muscle. It is only natural, therefore, that chicks raised on this feed, have strong, finely developed bodies.

Another striking feature of "SQUARE DEAL" BUTTERMILK STARTING FEED is its tendency to prevent white diarrhoea. We have recently talked with several commercial poultrymen who used this feed exclusively last season, and they all tell us that they did not have a single case of this dreaded disease.

"SQUARE DEAL" BUTTERMILK STARTING FEED is the ideal feed for baby chicks. When you seriously consider how invaluable this feed is, the cost becomes a negligible factor. A chick given the proper start means a profitable layer in the Fall.

**All "Square-Deal" Poultry and Pigeon Feeds are put up in Bags Identical with Illustration Shown above. Insist on getting these Feeds.**



# Bolgiano's "Square Deal" Poultry and Pigeon Foods

SOLD WITH AN ABSOLUTELY "SQUARE-DEAL" GUARANTEE

## "Square-Deal" Baby Chick Feed

(All Grain)

A Primary Grain Feed for Baby Chicks Up to Three Weeks Old  
This is a primary grain feed for Baby Chicks; contains only the best selected, re-cleaned, sound, sweet, cracked grains and seeds in proper proportions essential to quick and healthy growth. This feed should be fed in litter to induce exercise.  
10 Lbs. 40c. 25 Lbs. 90c. 100 Lbs. \$3.10.

## "Square-Deal" Chick Developer

(All Grain)

Quickly Develops Growing Chicks

This is a carefully selected high-grade mixture of re-cleaned, sound, sweet, cracked grains and seeds, and is an intermediate feed for growing chicks too small to eat our "Square-Deal" Scratch Feed. Make them work for it; exercise promotes health and aids digestion. 10 Lbs. 40c. 25 Lbs. 90c. 100 Lbs. \$3.05.

## "Square-Deal" Scratch Feed

(All Grain)

A Scratch Feed of the Highest Grade—Contains Sunflower Seed  
This is a combination of carefully selected, re-cleaned, sound, sweet grains—the feed that keeps the fowls vigorous and healthy; when fed in deep litter, keeps the fowls active. The busy hen is always profitable. 10 Lbs. 40c. 25 Lbs. 85c. 100 Lbs. \$2.85.

## "Square-Deal" Pigeon Feed—

No. 2

Without wheat, corn, grit or shell. It is composed of carefully selected, appropriate, re-cleaned, sound, sweet grain and seed, especially adapted to flying pigeons. 10 Lbs. 50c. 25 Lbs. \$1.20. 100 Lbs. \$4.20.

## "Square-Deal" Pigeon Feed—

No. 3

Without corn, grit or shell, but contains some wheat. It is composed of carefully selected, appropriate, re-cleaned, sound, sweet grains and seeds. 10 Lbs. 50c. 25 Lbs. \$1.15. 100 Lbs. \$4.00.

## "Square-Deal" Pigeon Feed—

No. 4

This pigeon feed does not contain any cracked corn, wheat, grit or shell, but is composed of flint corn and carefully selected, appropriate, re-cleaned, sound, sweet grains and seeds, especially adapted to fancy pigeons. 10 Lbs. 50c. 25 Lbs. \$1.15. 100 Lbs. \$4.00.

**Powdered Buttermilk**

Bolgiano's "Square-Deal" Blood Meal

## "Square-Deal" Buttermilk Starting Feed

This is the ideal starting feed for your baby chicks. It contains a minimum of fiber, and produces rapid growth and development, besides preventing white diarrhoea. Full feeding directions are furnished with each package. 5 Lbs. 30c. 10 Lbs. 55c. 100 Lbs. \$4.50.

## "Square-Deal" Buttermilk Growing Mash

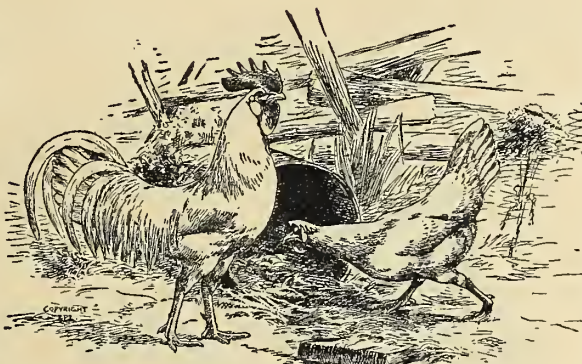
Our Growing Mash is a mixture of first quality ground grains, beef scrap, powdered buttermilk, and fancy bone meal, properly proportioned and scientifically balanced so as to insure quickest possible growth and development. Feed dry and you will be surprised at the results. Let the chickens have free access to "Square-Deal" Growing Mash all the time, they will not gorge themselves. When four months of age mix one-half Laying Mash with the Growing Mash and watch results. 10 Lbs. 45c. 25 Lbs. 95c. 100 Lbs. \$3.35.

## "Square-Deal" Buttermilk Laying Mash Makes Hens Lay

It is a complete scientifically balanced mash composed of carefully selected mixture of re-cleaned, sound, sweet ground grain and green food, Beef Scraps, Buttermilk and  $\frac{1}{2}$  of 1 per cent salt. It contains proper proportions essential to producing big egg yield. 10 Lbs. 45c. 25 Lbs. 95c. 100 Lbs. \$3.35.

**Bolgiano's "Square-Deal" Crushed Oyster Shells.** The best poultry authorities recommend the "Grit-Box" system. Our fresh ground shell supplies Carbonate of Lime to increase the production of eggs. Poultry, pigeon and chick sizes. \$1.00 per 100 Lbs.

**Bolgiano's "Square-Deal" Beef Scrap** 55 to 65 per cent protein. For success with poultry it is absolutely necessary to give them plenty of animal food. For this purpose "Square-Deal" Beef Scrap is the best food that can be used. 10 Lbs. 60c. 25 Lbs. \$1.45. 100 Lbs. \$5.35.



Single Comb White Leghorns

# Poultry and Pigeon Supplies

We can supply the following selected ingredients in large or small quantities at the lowest possible prices, quality considered.

## Corn and Corn Products

No. 2 Yellow Corn  
Small Yellow Corn  
Argentine Flint Corn  
Coarse Cracked Corn  
Medium Cracked Corn  
Fine Cracked Corn  
Corn Chop  
Corn Feed Meal  
Corn Gluten Feed

## Wheat and Wheat Products

Fancy Feeding Wheat  
Cracked Wheat for Baby Chicks  
Wheat Screenings  
Wheat Bran  
Standard Middlings  
Red Dog Flour

## Oats and Oat Products

No. 2 White Oats Special  
No. 34 Clipped Oats  
No. 34 Clipped Oats Ground  
Fancy Hulled Oats  
Fancy Steel Cut or Pinhead Oats  
Fancy Rolled Oats  
Oat Flour

## Milo Maize and Kaffir Corn

No. 2 Red Milo, Re-cleaned  
No. 2 Red Kaffir, Re-cleaned  
No. 2 White Kaffir, Re-cleaned  
No. 2 Mixed Milo and Kaffir  
Cracked Milo and Kaffir for Baby Chicks

## Miscellaneous Feed Grain

Fancy Broken Rice  
Fancy Barley  
Fancy Buckwheat

## Miscellaneous Seeds for Feeding

Large Red Millet  
Large Yellow Millet  
Re-cleaned Hemp Seed  
Re-cleaned Canary Seed  
Bird Rape  
Large Vetch  
Striped Sunflower Seed  
Canada Field Peas

## Concentrates

Cottonseed Meal  
O. P. Oil Meal  
Linseed Oil Meal

## Tobacco Products

Tobacco Dust  
Tobacco Stems

## Poultry and Pigeon Grit

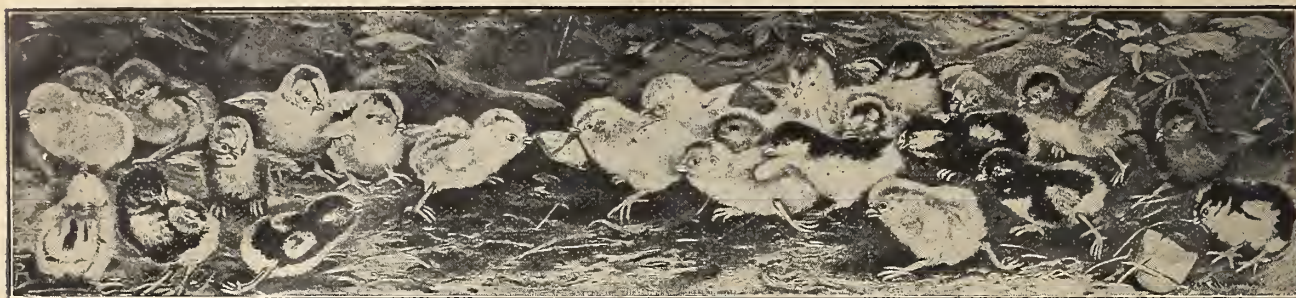
"Square Deal" Crystalline Grit  
Cockeysville Egg Shell Grit  
Standard Egg Shell Maker Grit  
Hen-E-Ta Grit  
Foust's Health Grit  
Red Cross Health Grit

## Miscellaneous

Curtiss Cut Clover  
Choice Fine Ground Alfalfa Meal  
Fancy Dustless Charcoal (all sizes)  
Fancy Poultry Bone (all sizes)  
"Square Deal" Crushed Oyster Shell



## BOLGIANO'S "VITAL HATCH" BABY CHICKS



### Bolgiano's "Vital Hatch" Baby Chicks are Bred for Constitutional Vigor and Heavy Egg Production

Hatching Season March 1st to June 1st

VARIETY	25 Chicks	50 Chicks	100 Chicks	500 Chicks	1000 Chicks
Single Comb White Leghorns.....	\$6.00	\$11.00	\$20.00	\$95.00	\$180.00
Single Comb Brown Leghorns.....	6.00	11.00	20.00	95.00	180.00
Single Comb Anconas.....	6.50	12.00	22.00		
Single Comb Rhode Island Reds.....	6.50	12.00	22.00	105.00	200.00
White Wyandottes.....	6.50	12.00	22.00	105.00	200.00
Barred Plymouth Rocks.....	6.50	12.00	22.00	105.00	200.00
White Plymouth Rocks.....	7.00	13.00	24.00	115.00	220.00
Single Comb Black Minorcas.....	7.00	13.00	24.00		
Single Comb White Orpingtons.....	7.00	13.00	24.00		

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

#### READ CAREFULLY— IMPORTANT!

Weather conditions permitting, we will place the first eggs in our incubators early in February. We manage large flocks of breeders, and are in a position to fill orders for Vital-Hatch Baby Chicks early and in large numbers.

Records of all eggs placed in the incubators and of the tests made thereafter are kept to ascertain the percentage of fertility and the probable percentage of hatch to be expected.

We are, therefore, in a position to write you when you may expect shipment of your order. As we are continually booking orders against our Hatching records it will be to your advantage to place your order with us immediately, and we will give you the earliest shipping date possible. All orders for Vital-Hatch Baby Chicks are filled in rotation, as received, as near to the date desired as possible.

All prices are subject to change without notice.

We accept all orders for Baby Chicks subject to delays incident to Hatching oftentimes effected by weather conditions.

#### HOW TO ORDER BABY CHICKS

Be sure and give full name of your postoffice. (Write full name plainly.) State plainly the number and variety of chicks you want and when wanted. All orders are acknowledged same day received with approximate date of shipment given.

If you have a second choice, please name the variety when ordering, and in that way delays will be avoided many times.



#### CHICKS WITH "VITALITY"

Comparison of prices should not be the deciding factor in placing your order for chicks. Weak, sickly, poorly hatched chicks are dear at any price. Why buy such when you can get **VITALITY** as well as **QUALITY** at a reasonable price? **ONE HUNDRED** of this kind are worth **ONE THOUSAND** poorly hatched mongrels.

If you wish to book your order early and it is not convenient for you to pay for them at the time, send one-quarter, or twenty-five per cent, of the full amount of the order.

A card will be mailed you, showing balance due on your order which must reach us 10 days before shipping date. We cannot ship C. O. D. by Express or Parcel Post.

#### OUR GUARANTEE TO YOU

If Prices are reduced at the time of shipping, the purchaser will be proportionately credited with the amount or enough additional chicks shipped to make up the difference.

We guarantee 97 per cent of the Baby Chicks to reach you in good condition.

Do not sign for damaged goods—unless marked damaged by the Agent—on the receipt which you sign.

#### EXAMINE THE SHIPMENTS

On arrival, open box; if any chicks are dead, have postman mark number on the back of the receipt and return

the receipt to us. If this number exceeds 3 per cent we will refund your money for them or replace them, free of charge.

We have successfully shipped baby chicks 1,500 miles and can guarantee safe arrival.

All CLAIMS must be made within **TWENTY-FOUR HOURS**, together with a statement from your postmaster, showing the CHICKS were received in **POOR CONDITION**.

**DON'T** give BABY CHICKS COLD WATER TO DRINK. **DON'T OVERFEED CHICKS.** EITHER of the ABOVE will **START BOWEL TROUBLES.** FEED liberally, so long as they keep **ACTIVE.** Keep their **BACKS WARM.**

Have the brooder warmed up and ready to receive and care for the chicks properly.



## About Shipping

WE SHIP ALL CHICKS BY PARCEL POST

All of the prices quoted on Baby Chicks are **Postpaid to your Postoffice.**

The purchaser assumes all risks when chicks are ordered shipped by express.

## About Ordering

We are usually in a position to ship Day Old Chicks within a week from the date your order is received. We, however, advise you to allow us to book your order early, thereby avoiding all delays and the many disappointments that are bound to occur in the busiest part of the season. Our **First Floor** will be alive with Baby Chicks this Spring. Come and see them.

**BABY CHICK BOOKLET SENT ON REQUEST**

### Well Pleased—Will Order Again

May 12th, 1922, Miss Clara Dashiell, Wicomico County, Md., wrote: "I received my Baby Chicks O. K. on the tenth. they are fine, very much pleased with them. I think I shall order some Anconas. Thanks."

### 1,000 Miles—Arrived in Fine Shape

March 10th, 1922, Mr. Albert Shavos, of Dade County, Fla., wrote: "The White Wyandotte day-old chicks that I ordered of you came alright, in fine shape and hungry. Only two dead. Thank you for the fine way you ship them."

# Eggs for Hatching from Thoroughbred Poultry

Eggs for hatching may be sent by parcel post. One setting, ready for shipment, will weigh about four pounds; two settings, seven pounds. To ascertain the cost, refer to the table on page 2 of this Catalogue. Forward us that amount in addition to the prices quoted on this page and we will ship the eggs to you by mail prepaid. In many cases, eggs will go cheaper this way than by express.

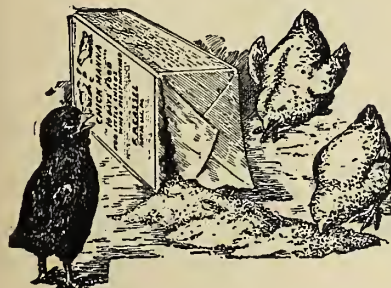


## About Ordering

We are usually in a position to ship eggs for hatching and Day Old Chicks within a week from the date your order is received. We, however, advise you to allow us to book your order early, thereby avoiding all delays and the many disappointments that are bound to occur in the busiest part of the season.

### F. P. C. Chick Manna

The Original Special Prepared, First Ten-Day Food for Baby Chicks  
Standard First Food Since 1884



Prepared with great care for little chicks just hatched. Peculiarly adapted to the promotion and health, quickening of growth and developing strong chicks in winter and early spring. Put up in packages—1 Lb., 15c; 3 Lbs., 40c; 5 Lbs., 60c; 15 Lbs., \$1.65.

### Prices For Selected Eggs For Hatching Can Be Furnished as Follows

	15	50	100
Single Comb White Leghorns.....	\$3.00	\$7.00	\$12.00
Single Comb Brown Leghorns.....	3.00	7.00	12.00
Single Comb Anconas.....	3.00	7.00	12.00
Single Comb Rhode Island Reds.....	3.00	7.00	12.00
White Wyandottes.....	3.00	7.00	12.00
Barred Plymouth Rocks.....	3.00	7.00	12.00
White Plymouth Rocks.....	3.00	7.00	12.00
Single Comb Black Minorcas.....	3.00	7.00	12.00
Single Comb White Orpingtons.....	3.00	7.00	12.00

### Directions For Feeding Baby Chicks First 8 Weeks

Give the chicks fresh water and fine grit from the start but no feed until they are 48 hours old. The yolk, absorbed into the system just before hatching out, is Nature's nourishment at this period and is all the chick requires. The fasting period gives the chick a chance to assimilate the yolk, and removes the cause of many chick losses through feeding too soon.

By feeding the chicks grit at the start the gizzard will be ready to perform its proper functions when the food is finally given to the chick. After the 48 hours have elapsed give the chicks Bolgiano's Buttermilk Starting Feed *dry* just as it comes from the bag but allow them very little the first few feeds. When 72 hours old give the chicks their first feed of Bolgiano's Square Deal Chick Starter, scattering it five times per day in a clean litter of cut clover or alfalfa.

After six days place food in small feeding hoppers to prevent waste, keeping it before them all the time.

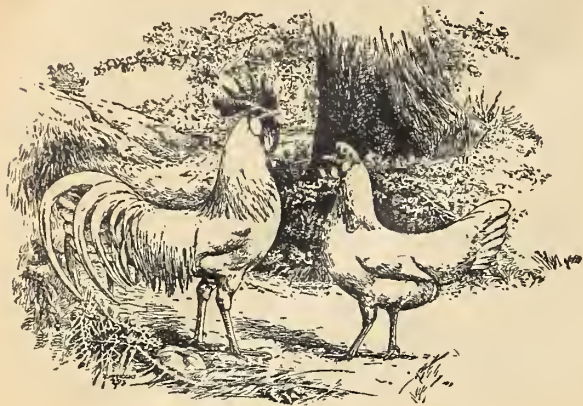


### Looked As If They Had Just Come From Under The "Biddy"

March 31st, 1922, Mrs. L. O. Forbush, of Northumberland, Va., wrote: "The Baby Chicks (Barred Rocks) reached me tonight. I ordered 50 and there were 50 live ones and one dead one. I consider this remarkable indeed and they are every one lively and look as if they had just come from under the "Biddy," but instead they have traveled 150 miles—taking two days for the journey. Thanks."



## Our Live Stock Department



**SINGLE-COMB WHITE LEGHORNS**

### Single Comb White Leghorns

The Single Comb White Leghorns are acknowledged to be the greatest producers of large white eggs. They are bred in large numbers on all extensive EGG FARMS, from Maine to California, and are bringing big money where properly cared for. Considering the amount of feed consumed, no breed can show such good returns. The young male birds make excellent plump broilers, and they have rich yellow skin and shanks, making a fine appearance when shipped to the markets.

We are in a position to furnish single birds or pens of this breed.

We furnish each year about 100,000 Single-Comb White Leghorn baby chicks to satisfied customers.

*It will be to your advantage to order now and avoid disappointment later.*



**SINGLE-COMB BARRED ROCKS**

### Just A Word in Regard to Prices

Quality of stock cuts a big figure and the wants of buyers are many. We can and will supply you with good utility breeders at the lowest prices possible—quality at all times considered.

If you want a male bird, a pair of birds or a pen of birds of any variety, for show purposes or for breeding show birds, let us serve you. Write to us telling us what you want and what you can afford to pay. Our poultryman can and will gladly tell you what quality and how many birds you can get for the amount named.

In serving our customers squarely and faithfully, we are serving ourselves.

We keep the old customer and we want the new. When we tell you that 90 per cent of our orders the past year have been from customers of long standing, you can rest assured that you get a "square-deal."

We strongly recommend the following varieties for Egg production—White Leghorns, Minorcas and Anconas, all of which are heavy layers of white shelled eggs.

For a general purpose fowl the Plymouth Rocks, Wyandottes, Rhode Island Reds and Orpingtons are in high favor.

Our prices are always reasonable, quality of stock considered.

The past few years we have been supplying the most popular standard varieties of poultry, both for breeding and commercial purposes. We have established our own Vital Strain of Thoroughbred Standard Varieties. Our first aim is for constitutional vigor, quick growth and good egg production within the breed.

We have produced a strain noted for heavy egg production during the fall and winter months, which months bring to the poultryman the very highest prices.

The factors necessary for best results, and especially during the natural period of low production, are as follows: Pullets hatched from good, thoroughbred stock, properly housed, ample floor space, cleanliness, pure food and water. Sunlight and fresh air, avoid draughts. Scratching in deep litter for the greater part of their food. Dry mash, oyster shells, grit, charcoal and fresh water before them at all times. Always feed plenty of green food in some form. This is important. Green food is a health preserver, an egg producer and cheapens the cost of production.

### Barred Plymouth Rocks

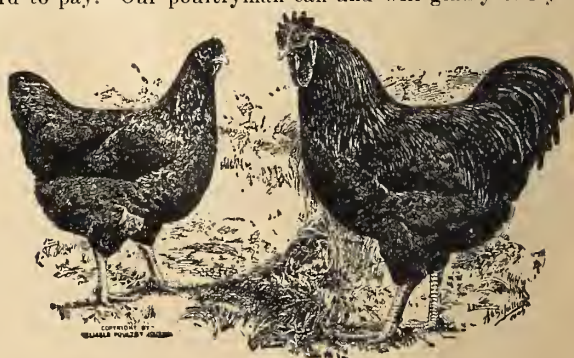
The Barred Plymouth Rock is most widely known as a general purpose fowl, a breed which has proven its value as a market fowl and an egg producer. They are extremely profitable and popular farm flock.

We are in a position to furnish single birds or pens of this breed from some of the best strains in the country at reasonable prices, quality considered. DAY-OLD CHICKS and EGGS for HATCHING, in season, at popular prices.

### Rhode Island Reds

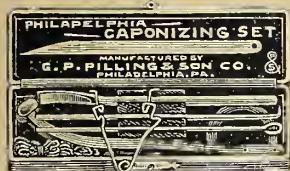
As a "business hen" for eggs and meat they are hard to beat. They lay a well-shaped, good-sized brown egg, and mostly uniform in shape, size and color.

We have fine Reds, good, quick, hardy growers, and good egg producers. We are in a position to furnish single birds or pens of this breed. We have planned to hatch approximately 75,000 Vital Hatch Rhode Island Red chicks this season.



**SINGLE-COMB RHODE ISLAND REDS**





Philadelphia

Complete with Instructions, in Velvet-lined Case, as per Engraving.....\$2.75 Postpaid



Pilling Special

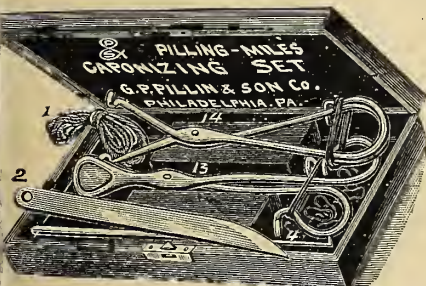
It is just the same as other Caponizing Sets, except that the Testicle Remover cuts like a pair of scissors the cord of the testicle clean and clear as a whistle. The Instruments in this set are put up in Oak Case, sent postpaid with full, easy-to-use directions, on receipt of \$4.00.



Cornell Set

Experiments in the use of various caponizing instruments recently carried on by E. W. Benjamin, Instructor of the Department of Poultry Husbandry at Cornell University, have resulted in the manufacture by us of the Cornell Caponizing Set. This set—two testicle removers, Pilling-Farmer twisting scoop and Pilling-Miles remover—sells for the reasonable price of \$5.00.

Postpaid



Pilling-Miles Caponizing Set

This set has many admirers, as it does away with horse hair. It consists of a knife for making the incision; the Spreader Forceps for holding the sides open; sharp book for catching the skin; the Loop Forceps for catching and removing. Cords with hooks are for holding the bird. They are very fine instruments, made of the finest steel and of the best workmanship. The above set, with instructions, in a fine velvet-lined case, sent by prepaid mail on receipt. Price, \$5.00 each.

## What are Capons?

A capon is a male bird (cockerel or rooster) from which the testicles have been removed. As in other animals—bull, horse, boar, etc.—this operation changes his nature entirely. He has only one function in life—to get fat. The growth is more rapid, the comb and wattles cease to grow, the bird is lazy, his plumage is heavy and very beautiful, the spurs do not develop, neither hen nor rooster has any further use for him, and he seeks the company of the little chickens, brooding over them at night and leading them about during the day. He makes quick meat, tender meat, and much of it, and, best of all, he makes the highest-priced meat in the market. The uncaponized rooster runs his flesh off; he is always in trouble. Caponize good-for-nothing fowl—all legs and appetite—and, presto! he is changed into the quiet Capon. His mission in life is now to convert his owner's food into the delicious and highly profitable meat. Properly killed and dressed, he attracts the attention of the best buyers—people to whom money is no object if they can get what they want.

## Best Time to Caponize

Fowl hatched any time of the year make fine capons; no ill-results follow the operation at any time in the year. The bird should be from two to three months old (not over six months), and weigh not less than a pound and a half. The size is equally as important as the age. April, May, June, July, August, September and October are the months generally taken for caponizing, for the reason that spring chickens arrive at proper age and weight during these months; also because cockerels caponized then arrive at the proper age and weight for market during the months of November, December, January, February, March, April and May, at which time there is the greatest demand for them in the cities and highest prices secured.

## Feeding Capons

The question is often asked, "How are capons to be fed?" The answer is easily given. After caponizing, give the bird all he will eat of soft feed, and let him have plenty of water. Caponized fowl begin to eat almost immediately after the operation is performed, and no one would think for a moment that a radical change had been made in their nature.

## Points for the Learner

The first question asked by the learner is, "How long does it take to caponize a bird?" We would say; "Make haste slowly." The first operation may take from fifteen to twenty minutes, but take your time; go slowly, but act quickly; note every point, keeping your thoughts intently on the work. The first operation is your instructor; the second finds you master of the situation. After a little practice a bird can be caponized in two minutes with the Pilling Sets.

## Killing and Dressing Capons for Market

The capon should be allowed to grow until at least one year old. By this time they are a beautiful bird, and will have attained an imposing size. Some keep them even longer than a year. While this is optional with the raiser, we would not advocate killing them under one year old if they are being raised for market.



The Farmer's Caponizing Set differs somewhat from the Philadelphia Caponizing Set, inasmuch that a twisting and tearing scoop is used instead of the Canula for removing the testicles. Price, complete set of instruments in velvet-lined case, \$3.00 per Set, Prepaid.

## Lansdowne Capon Set

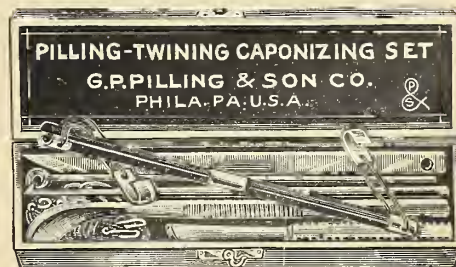


Lansdowne No. 1. Price \$3.50 Postpaid

Lansdowne Automatic Testicle Remover in Sets No. 1 and No. 2 (Pilling Patent) is, as its name implies, automatic—quick, easy to use and just the remover for the beginner.



Lansdowne Set No. 2—\$3.00 Postpaid



Pilling-Twining Caponizing Set

The Pilling-Twining Caponizing Set is the same as the Philadelphia Set, except the Pilling-Twining Testical Remover takes the place of the improved caponizing canula.

The instruments in this set are put up in Oak Case, sent postpaid, with full, easy-to-use directions, on receipt of \$4.00.



**Pilling French Poultry Killing Knife**

Every poultry raiser should have one of our Killing Knives. They are made of a finely tempered instrument steel, with nicked handle; will last a lifetime. Don't wait! Send for one now! Sent securely packed by mail, postpaid, on receipt of 60c.

**Safe Edge Killing Knife**

Exactly same as French Killer, except cut on one side only. Prepaid on receipt of 60c.

**Russell's Killing Knife**

50c each. Postpaid 55c.

**Parcel Post Table, See Page 2****Lansdowne Poultry Marker**

See how easy to use.

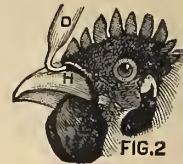
30c postpaid.

**Perfect Poultry Marker**

The best little chick marker ever made. Small and convenient to carry in the pocket. 30c postpaid.

**Philadelphia Gape Worm Extractor**

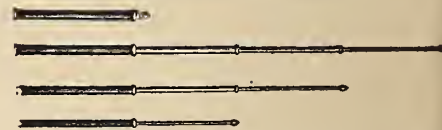
Postpaid, 30c each

**Roup Syringe**

This is one of the cures for roup and similar diseases to which poultry are so liable. Can be used either internally or externally. 15c each. Postpaid.

**Nickel-Plated Rabbit Spreaders**

Price ..... 30c each. Postpaid

**Imported Telescopic Judges Sticks**

The best judges' stick on the market. Neat, strong, durable and compact. Made of brass tubing, with Japanned handle, and easily carried in the pocket. When closed, all sizes measure 9 inches long.

Small size, 16 inches opened.....\$ .90

Medium size, 23 inches opened..... 1.25

Large size, 29 inches opened..... 1.75

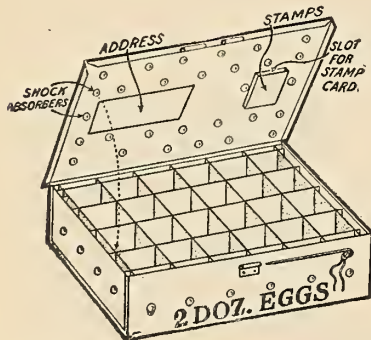
Mailing weight, 1 lb. each.

**The Aluminized Metal Egg Crates**

solve the problem of shipping eggs, butter and other farm products by Parcel Post. They are made for continued use, being strongly constructed but light in weight.

All crates are provided with built-in shock absorbers to give a cushion for the eggs. Fillers to hold the eggs are made for long life.

Metal Egg Crates do not require outside wrapping for mailing. A short string only is needed for tying "pin" which holds lid securely closed.



Metal Crates showing compartment for the eggs, shock absorbers that prevent breaking, "opening" in lid for address, and slots to hold stamp card—reversible.

**Four Sizes**

Metal Egg Crates are made to hold two, three, four and six dozen eggs each; also combination-crates to hold eggs and butter of different quantities.

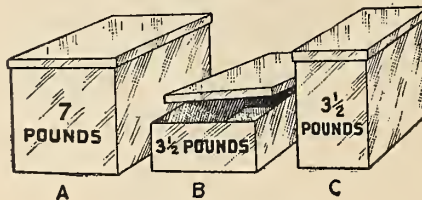
**High Cost of City Products**

The cost of living can be greatly reduced by buying eggs, butter and other costly produce direct from the farmer, shipped in the Combination Crates.

Reversible address card to be placed over eggs, address visible through opening in lid. Names of shipper and receiver are placed on each side of this card.

**Prices—Eggs Only**

		Postage
	Empty	Filled
Two dozen size—all eggs....	\$1.00	7c 9c
Three dozen size—all eggs....	1.25	7c 11c
Four dozen size—all eggs....	1.50	7c 13c
Six dozen size—all eggs....	1.75	8c 16c
Combination butter and eggs.		7c 14c

**Metal Containers****Combination Crates**

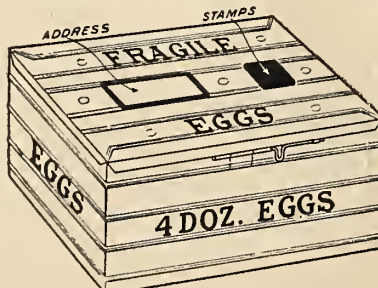
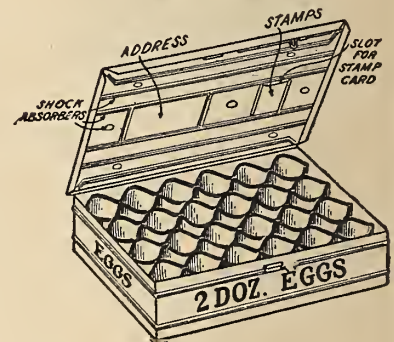
Any size Combination Crate desired can be supplied to carry eggs with Metal Containers to hold butter, lard, sausage, honey, cut-up chicken, country sliced ham, etc. Any of these Combination Crates will be found surprisingly satisfactory. Butter, lard and other soft products will not melt or run in warmest weather.

**Combination Crates—Butter and Eggs**

No. 1—A container—2 doz. eggs.....	\$1.75
No. 2—B container—1 doz. eggs.....	1.50
No. 3—C container—2 doz. eggs.....	1.65
No. 4—B container—3 doz. eggs.....	1.85

**Butter Only**

No. 5—Two A containers.....	\$2.50
No. 6—Two B containers.....	2.00
No. 7—Three C containers.....	2.50

**New Model—Closed****New Model**

This is the New Model with the metal edged filler and it is a wonder. Solves every problem of shipping eggs and butter and other soft products by mail. Built for continued use; practically indestructible; lasts for years. No wrapping is required. A permanent lock pin that does not lose, holds the lid rigidly closed.

**Reversible Address Cards**

Reversible address cards are placed over eggs, address visible through opening in lid. Names of shipper and receiver are placed on each side of this card.

**Metal Edge Filler**

This is a wonder—so strongly made that it will not require replacements. Every user praises the New Model, with the Metal Edge Filler. Nothing better can be made to stand the jar and shocks in transit.

**Prices—Eggs Only**

		Postage
	Empty	Filled
Two dozen size—all eggs....	\$1.50	7c 9c
Three dozen size—all eggs....	1.75	7c 10c
Four dozen size—all eggs....	2.00	8c 12c
Six dozen size—all eggs....	2.50	9c 15c

Above Postage Rates Apply to 2nd Zone or 150 Miles



### Anderson Egg Box



A strong collapsible box for shipping fancy eggs.

Size	Each	Doz.	Weight Per Doz.
15	25c	\$2.65	18 lbs.
30	35c	3.95	28 lbs.
50	50c	5.40	40 lbs.
100	60c	6.75	50 lbs.

### Master Breeders Chick Box



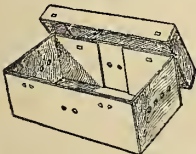
"It is important to have baby chicks arrive in a healthy condition. Baby chicks cannot be safely nor humanely shipped when jammed in 'like sardines,' nor—on the other hand—can they be allowed too much space.

The "Master" package is designed for comfort and safety of contents. It is protective, roomy, handsome—a safe, suitable "Pullman Car" for the fluffy youngsters within. The construction is exceptionally strong, light in weight and well ventilated through holes cut in both the body and cover.

Anderson "Master" breeder Chick Boxes are made correct to the sizes and specifications which have been approved by the International Baby Chick Association."

Size	Each	Per Doz.	Weight Per Doz.
25 Chicks, 11x 9x5½	20c	\$1.60	12 lbs.
50 Chicks, 18x11x5½	25c	2.25	16 lbs.
100 Chicks, 22x18x5½	30c	3.00	30 lbs.

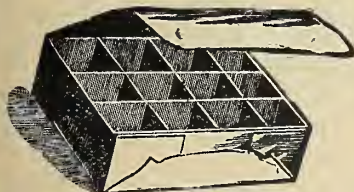
### Andrews' Efficiency Baby Chick Carriers



Makes "Safe-chick-delivery guarantee" a safe thing for them and also pleases their customers when they see lively, healthy chicks arrive O. K. Isn't that exactly what you're after? "Ask the Judges."

Size	Each	Per Doz.	Weight Per Doz.
25 Chicks	20c	\$1.60	12 lbs.
50 Chicks	25c	2.25	16 lbs.

### Square Deal Egg Boxes

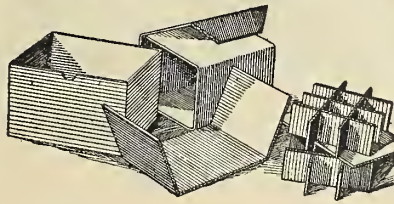


This is an Ideal Box for handling retail Egg trade, presenting the goods to the customers in an attractive package with the minimum amount of trouble for the seller. They knock down in a very compact shape, and the prices which we name are extremely reasonable. One dozen size 20c per dozen. \$1.25 per 100. \$2.50 per package of 250. \$9.00 per 1000.

Mailing weight, 2 lbs. per doz. 12 lbs. per 100.

### Parcel Post Table, See Page 2

### Corrugated Parcel Post Egg Boxes



Size	Each	Per Doz.	Weight Per Doz.
1 dozen	8c	\$ .90	8 lbs.
2 dozen	11c	1.20	12 lbs.
3 dozen	13c	1.40	16 lbs.
4 dozen	19c	2.20	21 lbs.
5 dozen	22c	2.40	24 lbs.
6 dozen	31c	3.40	28 lbs.
10 dozen	37c	3.70	40 lbs.

### HOW ABOUT THAT SHOW?

#### You'll Need a Shipping Coop

#### Eyrie Shipping Coop

Made of corrugated pasteboard, will carry any distance, saves expressage and always delivers the contents in good shape. Shipped knocked down and takes up very little space in stockroom.

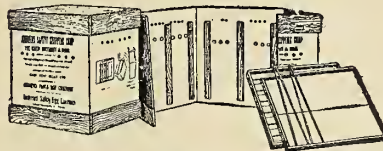


#### Eyrie Shipping Coops

Too large for mailing.

	Each	Doz.
A..... 12x16x18	\$ .60	\$6.00
B..... 12x18x22	.70	7.50
C..... 12x22x22	.80	8.50
D..... 20x22x22	.90	9.50
E..... 20x24x22	1.00	75

### Andrews' Koop De Luxe



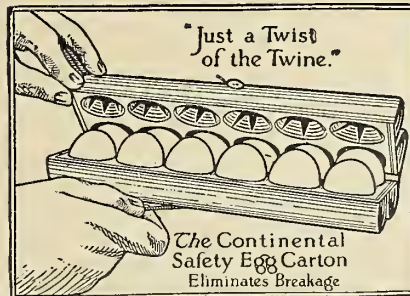
Too large for mailing.

This is a specially constructed Koop fool-proof and extra strong, for shipping high-grade birds.

	Each
Single size..... 22x13x24	\$1.00
Double size..... 22x19x24	1.25
Pen size..... 22x23x24	1.50

### Safety First

#### How to Make More Money Out of Eggs



Pack them in Continental Safety Egg Cartons and cut out breakage—half your profit goes that way.

Save time—a twist of the twine and eggs are ready for the delivery basket.

Please your customers—Continental Cartons are neat and unique, clean and convenient.

Containers come flat, require no assembling, and take little room, a case of 250 slips under your counter.

Prices, 22c per doz., \$1.60 per 100, \$3.75 per 250, \$14.25 per 1000.

Mailing weight, 2 lbs. per doz.

### Humpty Dumpty Folding Egg Crate

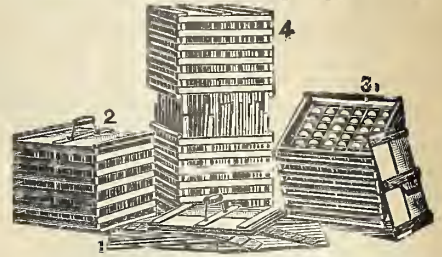


Fig. 1, folded flat; Fig. 2, set up closed; Fig. 3, set up open; Fig. 4 shows half dozen complete ready for shipment. A very light, strong and convenient egg crate and carrier. Made of hard wood slats securely fastened. The lid, with handle, springs into position when crate is filled.

Capacity	Each	Per Doz.	Weight
72 Eggs	30c	\$2.75	5 lbs.
144 Eggs	40c	5.25	8 lbs.

### Egg Case Fillers

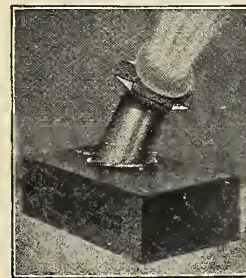
Cardboard fillers for the ordinary 30 dozen market case come packed in cases of 15 sets per case (150 fillers, 120 flats) for \$2.25 per case; less than case, 25c per dozen.

Mailing weight, 4 lbs. per set.

### H. and D. Egg Boxes

Size	Each	Doz.	Weight Per Doz.
30 egg	10c	\$1.00	15 lbs.

### Fire-Fly Tester



It's Electric Equipped with the Latest Improved Tungsten Battery

Shows condition of egg at a glance—no heat generated to injure the egg—no danger of fire or smoke.

Will Test Fifteen to Twenty

Thousand Eggs Without Renewal of Battery.

All you have to do is to place the egg in position and you have the light. Remove the egg and the light is gone.

Price Complete, \$5.00

Mailing weight, 5 lbs.

### Egg Tester



An egg tester is a handy article to have. By its use the progress of the hatching chicks can be observed, and eggs that are infertile may be removed from the machine.

Our Buckeye Egg Tester is a simple device that anyone can use intelligently and, being made of heavy steel, it cannot wear out or get out of order. Price, 50c each. Mailing weight, 1 lb.

Egg Testers—All Tin, 35c Each.

Mailing weight, 1 lb.



Reliable Egg Carriers

12 dozen size, with patent fastener, cover lift and bale.

Price, each, 90c.

Mailing weight, 7 lbs.



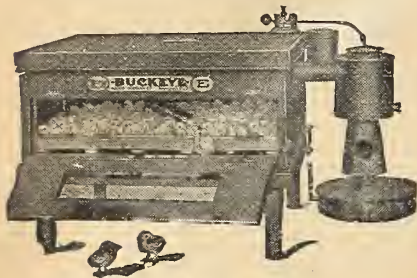
**THE BUCKEYE HAS  
NO SUPERIOR**

# BUCKEYE

**THE PERFECT INCUBATOR**

**The Buckeye Eliminates All  
Guess Work From Artificial  
Incubation**

## THE INCUBATOR OF UNFAILING RESULTS



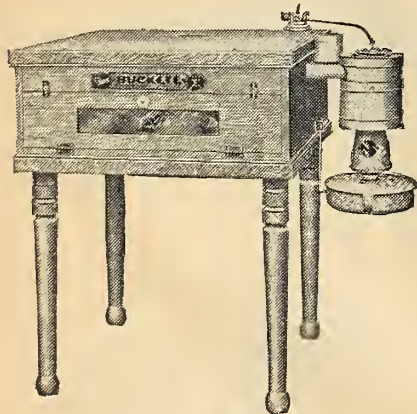
**No. 14  
Style E**

Weight, crated for shipment, 56 lbs.  
Capacity, 65 eggs. Price, **\$16.50.**

No. 14 is especially adapted for use by the small raiser. It has all the important features of the larger machines, such as visible thermometer, and the Buckeye heating and ventilating system. The temperature is easily regulated and the consumption of oil is low.

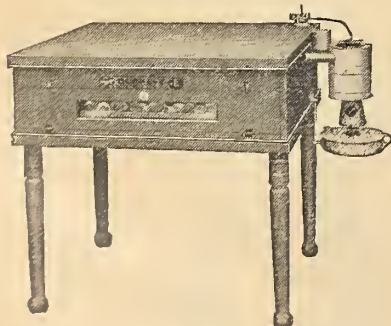
No. 16, Style E. Capacity 110 eggs; weight, crated for shipment, 90 pounds. Price, **\$27.50.** This machine is the same as No. 14, except that it has a greater egg capacity and long legs instead of short ones.

No. 17, Style E. Capacity 210 eggs; weight, crated for shipment, 132 pounds. Price, **\$36.75.** Same as No. 16, except that it has greater egg capacity.



**No. 16  
Style E  
110 Eggs  
Price \$27.50**

All Style E incubators have single walls and are equipped with galvanized rust-resisting heaters.



**No. 17  
210 Eggs  
Price \$36.75**

For thirty years it has been producing increasingly greater hatches for large and small poultry raisers, until today there are **OVER HALF A MILLION** Buckeyes in operation.

### A Proven Producer

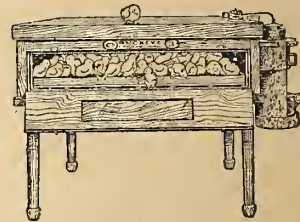
The superiority of the Buckeye has been **PROVEN TIME AND TIME AGAIN** by experiments and comparisons with **ALL** other incubators. Agricultural Colleges, Experiment Stations, ten thousand dealers and half a million users—**MEN WHO KNOW**—have unqualifiedly conceded its leadership.

### Quality Built Throughout

The Buckeye is built to last. Fibre board (paste board) and other impractical materials do not enter into its construction. The genuine redwood cabinet stands up under any atmospheric change. The Buckeye double lock-seamed, circulating hot water system is conceded by every authority to be the **BEST METHOD OF INCUBATOR HEATING.** The galvanized iron oil lamp and boiler is fire-proof and fool-proof, and is capable of bringing the temperature of the egg chamber up to 103 degrees within an hour. The patented Buckeye Thermostat keeps an even moist temperature in the egg chamber at all times—these are the things that have given the **BUCKEYE** a reputation for unfailing results and have made it the **LEADER IN THE INCUBATOR FIELD.** In every phase of construction, and in day-in-and-out service, the **BUCKEYE MUST PERFORM BETTER.** An iron-clad guarantee assures this.

### A Binding Guarantee

Besides being guaranteed to hatch more chicks out of a given number of hatchable eggs than any other incubator, the Buckeye is guaranteed to operate satisfactorily in any temperature down to freezing; to require no artificial moisture; to demand no attention to the regulator from the time the hatch is started until it is finished and to be perfect in construction. **SOLD ON 40 DAYS' APPROVAL. ANY BUCKEYE INCUBATOR THAT FAILS IN ANY WAY WILL BE REPLACED** without question.

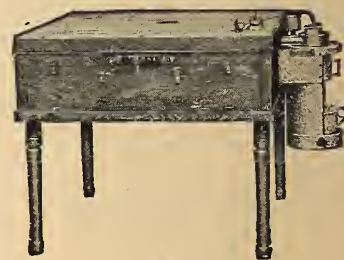


**No. 1  
Standard  
110 Eggs  
Price \$37.50**

No. 1 Standard has a capacity of 110 hen eggs, or 85 duck eggs. It is complete in every detail, and is ready for immediate use. The weight, crated for shipment, is 104 pounds. This incubator is insurable, and bears the Underwriters' label. An improved feature of all Standard incubators is the enclosed lamp. Equipped with oil or gas heater.

No. 2 Standard has a capacity of 175 hen eggs or 140 duck eggs, is equipped with oil or gas heater, and is complete and ready for use. Weight, crated for shipment, 129 pounds. This machine is insurable, and bears the Underwriters' label. Price, **\$44.50.**

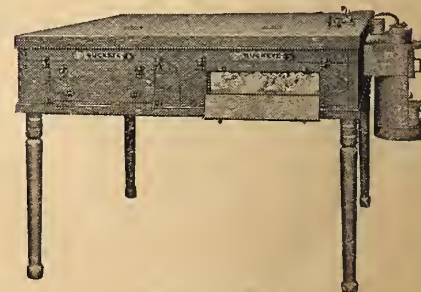
No. 3 Standard has a capacity of 250 hen eggs or 200 duck eggs, is equipped with oil or gas heater, and is complete and ready for use. Weight, crated for shipment, 170 pounds. This machine is insurable, and bears the Underwriters' label. Price, **\$57.75.**



**No. 3  
Standard  
250 Eggs  
Price \$57.75**

No. 4 Standard has a capacity of 350 hen eggs or 280 duck eggs. Equipped with oil or gas heater, and is ready for use. Weight, crated for shipment, 206 pounds. Insurable, and bears Underwriters' label. This machine is very convenient for the commercial raiser. Price, **\$68.00.**

No. 5 Standard (Mammoth Standard). Capacity, 600 hen eggs or 480 duck eggs. Outside dimensions, 54 inches square, 36 inches high. Equipped with four egg trays, holding 150 eggs each. Double doors on front and back; oil or gas heater. Complete and ready for use. Bears Underwriters' label. Weight, crated for shipment, 314 pounds. Price, **\$107.00.**



**Standard No. 5  
600 Eggs  
Price \$107.00**



**Weather Conditions  
Do Not Affect Its  
Efficiency—Because  
It Burns Coal**

# STANDARD Colony Brooder

**Costs Only Six to  
Nine Cents a Day  
to Operate**

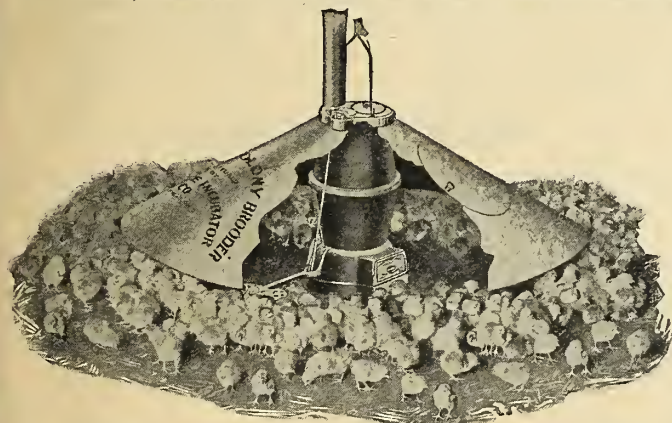
## THE BROODER THAT BROODS ALL THE TIME

The Standard Colony Brooder is on the job all the time—not twenty-three out of twenty-four, but every single hour of the day and night. The Standard Colony Brooder burns coal—the fuel that is conceded to be the best for any purpose.

### INEXPENSIVE—AUTOMATICALLY REGULATED

The self-regulating coal-burning stove of a Standard Brooder provides adequate heat under any and every conceivable weather condition. It is inexpensive to operate. It burns only six to nine cents' worth of coal a day and requires filling only once in every twenty-four hours. The patented buckeye thermostat automatically regulates the heat according to changing

weather conditions. There are no curtains or wooden walls to harbor vermin or disease; no corners where chicks may be crowded or killed; no fume-laden air to poison the chicks; **ABSOLUTELY NOTHING TO PREVENT THE FREE CIRCULATION OF FRESH, WARM, HEALTHFUL AIR.** By its steady, dependable performance, the Standard has won the endorsement of Agricultural Colleges and Experiment Stations throughout the country. Decide today to put your chicks under a Standard Colony Brooder and stop the profit-killing loss of healthy chicks.



Showing a Buckeye Colony Brooder in Operation with 1000 Chicks

### WRITE YOUR OWN GUARANTEE FOR THIS BETTER BROODER

Write down all the things that you demand of a brooder—and we will sign it. If it does not meet all your requirements and our claims, we will return your money without argument.

No.	Diameter of Canopy	Capacity	Height of Stove	Diameter of Base	Diameter of Grate	Shipping Weight Complete	Price
18	42 inch.	500 Chicks	20 inch.	11 inch.	8¼ inch.	75 Lbs.	\$21.50
19	52 inch.	1000 Chicks	21½ inch.	12 inch.	9 inch.	95 Lbs.	26.50
25	56 inch.	1200 Chicks	24 inch.	14 inch.	10 inch.	109 Lbs.	30.00

## BUCKEYE PORTABLE BROODERS

### Self-Feeding

### Self-Regulating

### Everlasting

**Cuts the Cost of Equipment and Operation to Less Than Half—Reduces the Time and Labor to Less Than a Fourth. Nothing to Break. Nothing to Wear Out. The Simplest, Safest and Most Economical Brooder Ever Invented.**

**BUCKEYE BROODER STOVES** will do anything any other brooder will do—regardless of price—and do it better. It matters not whether you have ten or ten hundred chicks under a Standard Colony Brooder, the results are the same. You can remove part of the chicks or increase the number at any time.

**Air Always Pure and Fresh**—No dampers or valves of any kind between the smoke pipe and the fire, the draft being controlled automatically, an exclusive feature of the Standard Colony Brooder and the only coal-burning Brooder that is absolutely free from gases under the Hover.

**Operated Anywhere**—No room is too large or too small for a Standard Colony Brooder. Whether it is operated in the largest barn or the smallest colony house, the results will be the same.

**Burns any Fuel**—Hard or soft coal, charcoal, coke, briquettes or gas. Hard coal is best simply because it is cleaner. All fuel should be nut size.

**Regulator**—Two double disc thermostats—tandem hitched—supported on substantial casting that is bolted solidly to stove. Lower arm movable and attached to check valve by substantial iron rod. Chick-proof, accurate and positive.

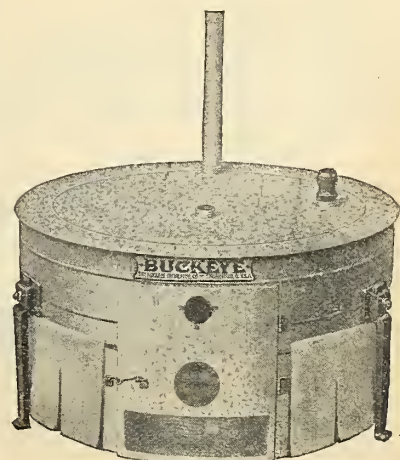
**Standard Colony Brooder** is fire-proof, simple and requires little attention; has but one adjusting nut which you need never touch more than once in a season. Requires absolutely no more attention than filling with coal once a day, shaking down the ashes into the pan twice.

**The first cost is the only cost. Nothing to Wear Out. Nothing to break, being made of cast iron just like a kitchen range, and the Hover is of galvanized steel built to last a lifetime.**

**No. 20**  
Diam., 19 Inches  
Capacity,  
60 Chicks.  
**\$11.75**

**No. 21**  
Diam., 22 Inches  
Capacity,  
100 Chicks.  
**\$15.50**

**No. 22**  
Diam., 30 Inches  
Capacity,  
150 Chicks.  
**\$19.00**





# "IMPROVED" BLUE-FLAME BROODERS

## REGULATED WITH A WICK!



Showing Brooder in operation. A convenient door enables the operator to reach the burner without removing the canopy.

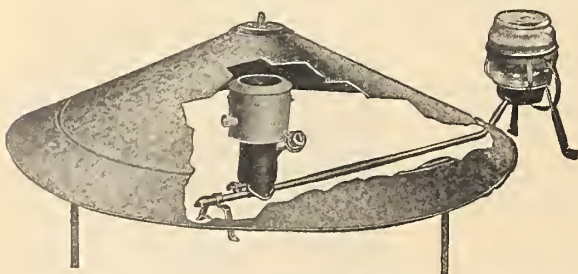
precisely the same manner. To secure more heat the wick is turned up and to reduce the heat it is turned down. The application of this principle of regulation to a Blue-Flame Brooder will be welcomed with enthusiasm, as it is not only positive in its operation, but more important than that—it requires no special education to operate it.

### ECONOMY IN OIL CONSUMPTION

The simplicity of the "Improved" Buckeye Blue-Flame Brooder is almost unbelievable. The oil is fed by gravity in the usual way direct to the burner and the amount of oil necessary to generate the required amount of heat is controlled entirely by the height to which the wick is turned. The position of the wick is controlled by the same type of lever that is found on the ordinary house lamp. The efficiency of the "Improved" Buckeye Blue-Flame Brooder is eminently superior to anything we have previously used. It not only produces a greater volume of heat, but it does it with a smaller consumption of oil. This new "Buckeye" burner will not consume more than a gallon of oil in twenty-four hours under the most severe conditions and when used with the smaller hovers two quarts of oil will suffice in mild weather. This remarkable economy in oil consumption is made possible by mixing a larger proportion of air with the oil-gas than has heretofore been possible in other types of burners.

### FILLS EVERY REQUIREMENT

The "Improved" Buckeye Blue-Flame Brooder is positively insured against the clogging of oil or flushing the burner. The large free channels guard against all chance of stopping the oil supply and a continuous supply of heat is therefore assured during every minute of the day and night. Just so long as any oil remains in the reservoir, it will be fed to the burner with absolute certainty, so with an assured supply of oil to the burner and a system of regulation that cannot go wrong we have a brooder that should fill every requirement and satisfy every user.



Showing an "Improved" Buckeye Blue Flame Brooder with a portion of the canopy cut away to show the general appearance of the new burner.

In the construction of this new brooder valves of every character have been entirely eliminated. Two years' experience proved beyond question that valves of any type were both dangerous and impractical.

We show below an illustration of the burner that we are placing on all "Improved" Blue-Flame Brooders. This burner operates on exactly the same principle as the wickless burners which we have used in the past, but instead of depending on the level of the oil, or the feeding of the oil through a valve, the oil is fed to the burner by an old-fashioned wick such as everybody understands. It is a new development of an old principle and was discovered by one of the most efficient oil-gas engineers in the United States.

### EASY TO OPERATE

This "Improved" Buckeye burner requires no priming whatsoever. To start the burner, it is only necessary to raise the drum, apply a match to the wick and drop the drum in place again. The lighting process is exactly like lighting an ordinary house lamp and the size of the flame is controlled in



Showing the new burner with drum removed to expose the wick and the very simple method of turning it up or down.

### MADE IN THREE SIZES

No.	Capacity	Diameter	Price
27 .....	200 Chicks	34 in.	\$17.50
28 .....	350 Chicks	42 in.	20.00
29 .....	500 Chicks	52 in.	22.50



Parcel Post Table, See Page 2

### Our Little Baby Grand Incubator

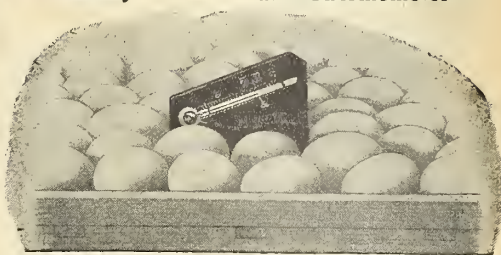


50-Egg Size—All Metal  
Little Baby Grand Incubator

Unique and superior in its construction. Beautiful in its appearance. Excellent in its hatching qualities and the most reliable and easiest operated small incubator ever offered to the trade. It has a glass window in top, so thermometer and chickens can be seen hatching without opening machine. It has a positive heat and moisture regulation, and is equipped with a moisture receptacle for applying additional moisture when needed. Has double top, well insulated and packed; double side walls, with a free circulation of hot air between the walls all the time, making an equal distribution of heat through the machine. The ventilation is perfect, supplying warm, fresh air to all parts of egg chamber at all times.

50-Egg Size—Price \$7.50

### Buckeye "Universal" Thermometer



Showing a Buckeye "Universal" thermometer in the egg tray ready for use. Note that the thermometer permits ALL the space in the tray to be filled with eggs.

Price, \$1.00 each. Postpaid

## Price List for Extra Parts for Incubators

Buckeye Universal Thermometers.....	\$1.00	Leg for Incubator No. 14.....	\$0.35
Holders for Old Style Thermometers.....	.15	Leg for Incubators Nos. 1, 2, 3, 4, 16 and 17	1.00
Lamp Bowls or all Incubators.....	1.00	Leg for Incubator No. 5.....	1.25
Lamp Burner No. 2 (For Incubators A, B and C, Standard Nos. 110 and 220).....	.50	Egg Tester.....	.50
Lamp Burner No. 35 (For Incubators Nos. 1, 2, 14 and 16).....	.75	Drain Cap for Incubator Tanks.....	.25
Lamp Burner No. 300 (For Incubators Nos. 3, 4, 5 and 17).....	1.00	Filler Cap for Incubator Tanks.....	.35
Lamp Burner No. 3.....	.75	Filler Cap for Lamp Bowls.....	.25
Lamp Chimneys for all Incubators.....	.50	Door Catch for Standard Incubators.....	.25
Lamp Wicks for all Incubators, per dozen.....	.35	Ventilator for Incubators.....	.50
Buckeye All-Metal Thermostat (Patented).....	2.50	Extra Tanks for Buckeye Incubators—	
Buckeye Hard Rubber Thermostat.....	1.50	For Incubator No. 1 (Copper).....	7.50
Connecting Rod and Nut for Regulators.....	.50	For Incubator No. 2 (Copper).....	9.00
Lever for Incubator Regulators (with Damper).....	1.00	For Incubator No. 3 (Copper).....	12.00
Damper for Incubator Regulators.....	.25	For Incubator No. 4 (Copper).....	15.00
Bracket for Incubator Regulator.....	.35	For Incubator No. 5 (Copper).....	22.50
Underwriters Lamp Support (For Oil Lamp).....	3.50	For Incubator No. 14 (Galvanized).....	3.50
Underwriters Lamp Support with Gas Heater, complete.....	5.50	For Incubator No. 16 (Galvanized).....	5.00
Lamp Support for Style E Incubators.....	2.00	For Incubator No. 17 (Galvanized).....	7.50
Lamp Support for Incubators A, B and C.....	.75	For 50-Egg Incubators A, B and C (Galvanized).....	3.50
Extra Egg Trays—		For 50-Egg Incubators A, B and C (Copper).....	6.00
For All Standard Incubators.....	2.50	For 100-Egg Incubators A, B and C (Galvanized).....	5.00
For Incubators A, B and C.....	1.50	For 100-Egg Incubators A, B and C (Copper).....	8.50
For Incubator No. 14.....	1.50		
For Incubators No. 16 and 17.....	2.50		
Burlap Tray for Incubators Nos. 1, 2, 3, 4, 5, 16 and 17.....	2.50		
Burlap Tray for Incubator No. 14.....	1.50		

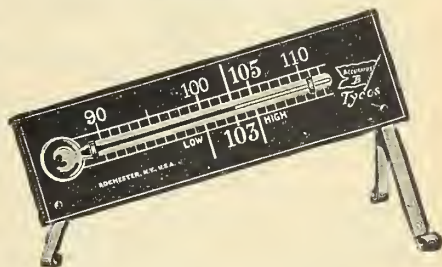
Note.—Add 35 per cent to these prices for delivery in Canada.

Extra tanks for Buckeye Incubators not shown in this catalog is a matter of special correspondence. When asking for prices, be sure to state capacity of incubator and designate the number or letter that appears on the label above the door.

In order to make it impossible for incubator operators to make mistakes in the use of incubator thermometers, we have designed a thermometer that we believe to be as near fool-proof as human ingenuity can make it. The design of this thermometer is such that there can be no variation in the position of the bulb in relation to the eggs, and in addition to that, we are placing instructions for its use right on the face of the thermometer so that the incubator operator will always be familiar with its use.

It will be noted that the Buckeye "Universal" thermometer is self-contained and complete within itself. There are no holders, stands or any other devices required to hold it in position and as a consequence the correct position of the thermometer will always be assured in every case.

### Tycos Thermometer With Stand

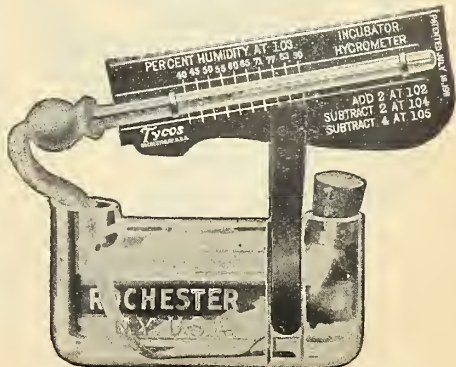


The tube and scale may be made to assume any desired position, by manipulation of the flexible brass legs, which stand among the eggs.  
Price, 75c each. Postpaid.

### Certified Thermometers

Every single degree graduation engraved directly on the glass tube and every fifth line and figures stamped on the metal scale. Each in a box, with certificate.  
Price, \$1.00 each. Postpaid.

### Incubator Hygrometer



Millions of chicks die in the shell every year, for want of proper moisture conditions. The importance of a correct percentage of moisture during incubation makes the incubator hygrometer as necessary as the incubator thermometer, and its accuracy just as important.  
Price, \$1.50 each. Postpaid.

## Extra Parts for Coal-Burning Brooders

Wafer Thermostat (Fit all sizes).....	\$0.50	Baffle Plate for No. 19.....	\$1.25
Shaker Handle (Fit all sizes).....	.50	Baffle Plate for No. 25.....	1.50
Grate Lock (Fit all sizes).....	.50	Hover Ring for No. 18.....	2.00
Stove Lid (Fit all sizes).....	.75	Hover Ring for No. 19.....	2.25
Check Draft Cover for No. 18 or 19.....	.50	Hover Ring for No. 25.....	2.50
Check Draft Cover for No. 25.....	.75	Upper Flue Cylinder for No. 18.....	5.00
Check Draft Protector for No. 18 and 19.....	.50	Upper Flue Cylinder for No. 19.....	5.50
Check Draft Protector for No. 25.....	.75	Upper Flue Cylinder for No. 25.....	6.00
Upper Regulator Arm for No. 18.....	1.50	Fire Bowl for No. 18.....	4.50
Upper Regulator Arm for No. 19.....	1.75	Fire Bowl for No. 19.....	5.00
Upper Regulator Arm for No. 25.....	2.00	Fire Bowl or No. 25.....	5.50
Lower Regulator Arm for No. 18.....	1.00	Ash Pit for No. 18.....	3.50
Lower Regulator Arm for No. 19.....	1.25	Ash Pit for No. 19.....	4.00
Lower Regulator Arm for No. 25.....	1.50	Ash Pit for No. 25.....	4.50
Half Grate (Plain) for No. 18.....	1.50	Stove Base for No. 18.....	3.50
Half Grate (Plain) for No. 19.....	1.75	Stove Base for No. 19.....	4.00
Half Grate (Plain) for No. 25.....	2.00	Stove Base for No. 25.....	4.50
Half Grate (With Shaker) for No. 18.....	1.50	Extra Canopy for No. 18.....	7.50
Half Grate (With Shaker) for No. 19.....	1.75	Extra Canopy for No. 19.....	9.00
Half Grate (With Shaker) for No. 25.....	2.00	Extra Canopy for No. 25.....	10.00
Ash Pit Door for No. 18.....	1.00	Canopy Door for all Hovers.....	1.00
Ash Pit Door for No. 19.....	1.10	Canopy Bail for all Hovers.....	.50
Ash Pit Door for No. 25.....	1.25	Regulator Bolt with Wing Nut for all sizes.....	.25
Ash Pan for No. 18.....	.50	Connecting Rod for Regulators (All sizes).....	.35
Ash Pan for No. 19.....	.65	Gas Burner (Complete) for No. 18.....	5.00
Ash Pan for No. 25.....	.75	Gas Burner (Complete) for No. 19.....	6.00
Baffle Plate for No. 18.....	1.00	Gas Burner (Complete) for No. 25.....	7.00

## Extra Parts for Blue-Flame Brooders

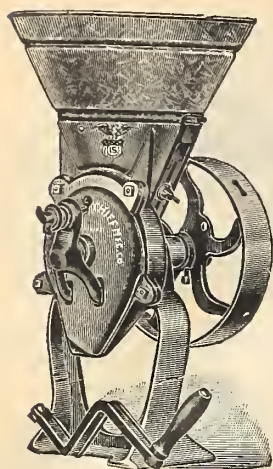
Brooder complete, less canopy, for Nos. 27, 28 and 29.....	\$13.00	Inside Perforated Chimney.....	\$0.50
Canopy for No. 27.....	5.00	Central Perforated Chimney.....	.50
Canopy for No. 28.....	7.50	Oil Jug with Automatic Valve.....	1.50
Canopy for No. 29.....	9.50	Automatic Valve for Oil Jug.....	.50
Burner with Wick.....	5.00	Supply Pipe with Sub-Tank.....	3.50
Outside Enameled Chimney.....	2.50	Wicks.....	.50
		Leg for Canopy.....	.50

## Extra Parts for Buckeye Brooders

Thermometers (Tested).....	\$1.25	Lamp Wicks, per dozen.....	\$0.35
Lamp Bowls.....	1.00	Curtain.....	1.00
Lamp Burners No. 35.....	.75	Legs.....	.35
Lamp Chimneys.....	.50		

ALL ABOVE PRICES, F. O. B. BALTIMORE, MD.





Power Mill No. 15

## “Red Chief” Corn Sheller

This is our Famous No. 20 Grinding Mill with Sheller and Meal Attachment.

One man with a two-horse engine can shell and grind twelve bushels or more of feed per hour, and while grinding feed save all the Table Meal he can use.

A Hand Crank with every Sheller enables the operator to shell Seed Corn by detaching sprocket chain and reversing spout.

These devices can be attached to any No. 20 Mill now in use by any farmer. You can buy any or all of these attachments, each being detachable.

Price Mill .....	\$17.75
Price Stand .....	3.25
Price Separator .....	5.50
Price Power Sheller .....	8.00

Total ..... \$34.50

## The “Red Chief” Power Mill No. 15

PRICE \$12.75

For Engine Three-Quarter Horse Power and Over

The best Power Mill on the market.

It has best Bronze Boxes, Steel Axles—in fact, all of the good features of the No. 20, except that it has no loose pulley and the capacity is not so great.

It can be run easily with a crank  
when engine is not running

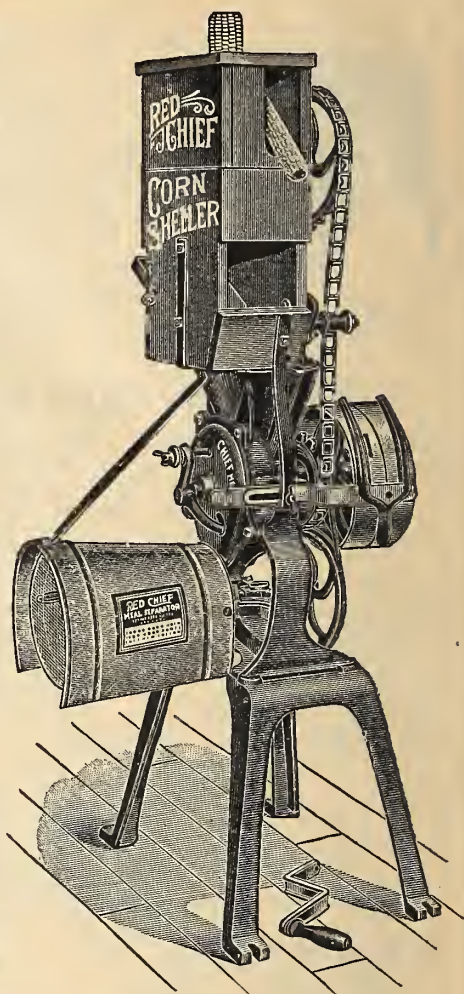
Capacity, 6 to 8 Bushels Feed per Hour

## The “Red Chief” Power Mill No. 20

PRICE \$17.75

For Grinding Corn Meal, Graham Flour, Stock Feed, etc.

With a speed of 300 to 450 revolutions per minute will grind 10 to 20 bushels feed per hour. Power required, 1½ to 2 horse power engine. Hand crank for use when engine is not running. A child can grind a bushel of chicken feed by hand in 10 minutes. Patent tension for regulating size of ground material, making change of Burrs unnecessary. Tight and loose pulley, 10 inches in diameter, 2¼-inch face. Reversible belt shift, Feed Regulator. All bearings Bronze Bearing Metal. Weight, 100 pounds. Painted red and blue with bronze trimmings.



Red Chief Corn Sheller

## The “Red Chief” Mill No. 10

No. 10—PRICE \$7.75

Capacity, 2 to 4 Bushels per Hour

Equipped with extra-hardened burrs. Burrs are self-sharpening; they cut—do not mash.

Grinds Coffee, Chicken Feed, and cracks Peas, etc. Will make good Corn Meal and Graham Flour. Can be cleaned and adjusted in a moment's time without the use of a wrench.

For Grinding Small, Dry Grain

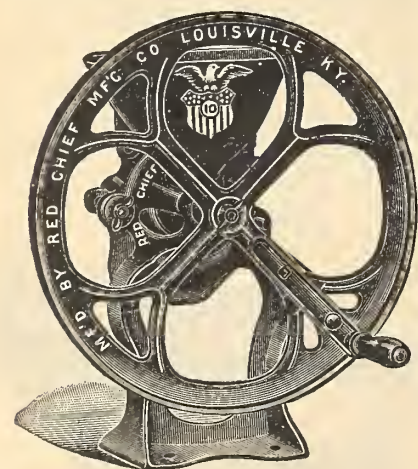
It has beautiful outlines, and makes an excellent Coffee and Spice Mill for grocers' or family use, as well as being a very rapid grinder of Chicken Feed or Meal; also Oyster Shells and Dry Bone.

Hopper White Enameled Inside

Feed Gauge in Hopper

New Fine Grinding Burrs

The only line of Mills that can be taken apart, cleaned and put together in a few minutes without wrench or screwdriver.



## The “Red Chief” Rapid Grinding Feed and Grist Mill No. 5

A Perfect Hand Power Grinding Mill

PRICE \$6.25

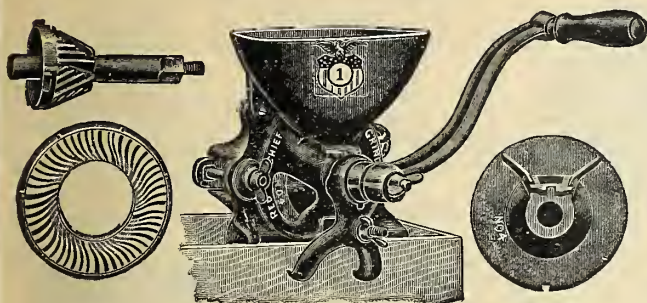
The flywheel makes the Mill run steady and with the least possible power to turn it. With the crank extended there is no Mill that will run as easy.

Feed Gauge and New Fine Grinding Burr in This Mill  
Hopper White Enameled Inside

No Wrench or Screwdriver Needed for Adjustment



# The "Red Chief" Rapid Grinding Mill No. 1



No. 1—PRICE \$3.25

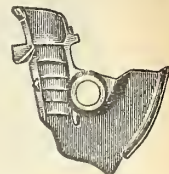
Just the Mill for small poultry raisers. Clamps or bolts to box, as desired. Has hooks on which to hang a bucket.

Can be cleaned and adjusted in a moment's time without the use of a wrench.

An ideal Mill for cracking grain of any kind for poultry. It combines all the elements of rapid work, perfect grinding, and requires little power.

Pop Corn attachment will shell any size ear of Pop Corn.

PRICE 50c



## Kelly-Duplex No. 50 Mill

This mill is designed to meet a rapidly increasing demand for a reliable and practical small mill suitable for light power gas engines or motors 1 to 3 H. P.

The mill has Duplex Grinding burrs, Perfect Regulating Device, Feed Slide and Quick Release, Lever, same as the larger mills.

Grinds small grain only or shelled corn, but is simply a wonder for a mill of this size. Will it grind oats?—Yes.

Price, crated, \$11.00.



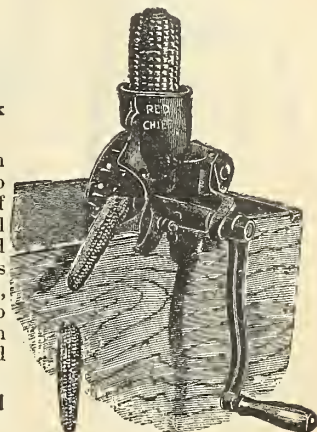
## Improved "Red Chief" Hand Corn Sheller

PRICE \$2.40

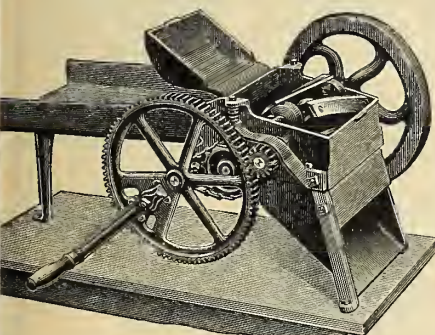
Is Guaranteed to Do As Good, if Not Better, Work Than Any Other Sheller on the Market

Has patent oval-shaped teeth, shelling the corn without cracking the grains. Only Sheller safe to use for shelling seed corn. Shells clean, taking off less chaff than any other Sheller. Cold rolled steel axle with 4½-inch bearing in hub, preventing rapid wear. Throws the cobs outside every time. Clamps on barrel or tub as well as on box. Closed hopper, making it impossible to pinch hands. Requires no wrench. Tension directly on cob, not on hopper, which makes Sheller run very easy, no force being required to expand a hopper.

The Only Sheller That Will Successfully Shell Pop Corn



## "New Model" Clover Cutter For Poultry



Removable Steel Knives—Adjustable Cutter Bar—Runs Easy—Cuts Fine—Is Durable

The "New Model" Clover Cutter cuts either green or dry such growths as clover, alfalfa, vegetable tops, etc., into ½-inch lengths. These growths are the cheapest and most productive egg-forming poultry foods for cold weather. They return big profits when reduced to a fine, easily digested mass.

The Cutting Mechanism is the most vitally important part of a Clover Cutter. The radically different construction of the "New Model" admits of perfect cutting at all times, because the cutter bar is adjustable and easily accessible, and the four 7-inch spiral steel knives can readily be removed for sharpening. Those who are familiar with the "ordinary" Clover Cutter construction will appreciate these improvements.

The "New Model" is made only of iron and steel, from entirely new patterns. It is a strong feeder, has large capacity, runs unusually easy and will do perfect work indefinitely.

The machine is intended to be mounted on a box or bench at any height to suit the operator. Length over all, 28½ inches. Weight, knocked down, 70 lbs.

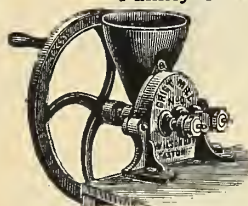
Price, F. O. B. Baltimore.....\$18.50  
Equipped with pulley for power..... 20.00

## Wilson's Hand Bone Mill

This mill is intended for grinding oyster shells, dry bones, old crockery, crack corn and other coarse feed for chickens. Not intended for green bone. Weight, 30 lbs. Price, \$6.50. With Stand, \$9.00.



## Family Grist Mill



Especially made for grinding Graham Flour, Rice, Corn Meal, etc., for table use. Can also be adjusted in a second for cracking the grain if desired. Grinding plates, when worn out, can

be replaced at a small expense.  
Price without stand, weight 29 lbs.....\$6.50  
Price with stand, weight 58 lbs..... 9.00

## Storage Cans

Made of 24-gauge galvanized iron, top and bottom reinforced with 1¼-inch 14-gauge band iron.

These cans make serviceable, rat-proof grain bins. They can also be used for rubbish or garbage cans.

Price, \$3.50 each.  
Shipping weight, 20 lbs. each.



## Feed and Water Buckets

Made of heavy galvanized iron, which makes them durable. Prices, 28 Gauge:

No. 310. 10-quart.....55c each  
No. 312. 12-quart.....60c each  
No. 314. 14-quart.....65c each  
Shipping weight, 5 Lbs.

## Mann's Green Bone Cutters

The Laying Hen is the Paying Hen.

The poultry raiser wants eggs, and wants them when eggs are worth the most. Green bone and raw meat produce them.

The Mann Green Bone Cutters surpass all others in easy and rapid cutting. They feed automatically and leave both hands free to operate; the feed regulates the power required, so that it cannot run hard. The feed screw is large and has a coarse thread that will not wear out nor crush nor break. The gears are guarded so that they cannot clog. The cylinder has been enlarged so they can take in a good-sized bone. They have adjustable steel knives, are strongly built and will not break or wear out.

No. 5-B—With Balance Wheel.....\$12.50  
No. 5-BM—With Balance Wheel and Iron Stand ..... 16.00



## Mann's New Model Bone Cutter No. 7

Intended for flocks of 50 to 200 hens. Mounted on strong iron stand with large table for box or pan to receive cut bone.

Weight, 107 lbs. Capacity, ½ to 1 lb. per minute. Price.....\$18.50

## Mann's New Model No. 7½

Combination hand or power Bone Cutter.

Weight, 150 lbs. Capacity, 50 to 100 lbs. per hour. Horse power required, ½ to 1.

Price .....\$25.00

Illustrations Sent on Request



## The Norwich Automatic Feeders

Parcel Post Table, See Page 2

THE NORWICH AUTOMATIC EXERCISE AND FEEDER is as near perfection as human intelligence, coupled to a long experience in poultry raising, can produce it. Every detail from the operation and construction of the Bait Bar to the form and construction of the cover of the Hopper has had our undivided attention, and the whole machine may be relied upon as fulfilling every requirement of the much-desired device for the automatic feeding of poultry.

The machine consists of a Hopper sufficiently large to carry a given quantity of grain feed, in the bottom of which is fitted an adjusting valve, which is set to allow such quantities of feed to escape from the Hopper as may be desired. Directly under the valve is located the Deflector and the feed, passing from the Hopper through the valve, falls at once to the Deflector and by it is scattered on the ground or floor in a wide even circle.

The Bait Bar (which is the cross piece under the Deflector resembling an ear of corn) is connected by adjustable rod with a small agitating disk which performs the double duty of acting as a stop to the valve, and stirring up the feed about to be



Norwich Automatic Feeder

delivered. The machine, as will be observed, is mounted on three adjustable iron legs, so it will stand in any yard, whether level or located on a hillside, and may be used alike for baby chicks fresh from the incubator or the adult fowl by simply lengthening or shortening the legs as desired.

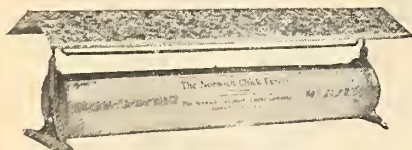
### The Norwich Chick Feeder



Without Rain Top

Convex in shape, it is impossible for the chicks to put out and scatter the feed and its saving feature is, therefore, at once apparent. Fitted with a removable guard rod it is a physical impossibility for the chicks to get into the feed and the rod is too small to permit their standing or roosting on it—hence we have a device in which pollution is absolutely avoided and in which there is no waste of feed.

The body of the Norwich Chick Feeder is of galvanized steel with ends riveted and burred to malleable iron sockets. It is the strongest and best Chick Feeder on the market. Made in one size only, 20 inches.



With Rain Top

For outside use the Feeder is made with a removable rain top which not only protects the feed from showers followed by a hot sun that quickly sours the mash and is responsible for losses, but also prevents the older fowls from appropriating the chicks feed.

#### Price List

Without rain top, weight 2 lbs.....	75c
With rain top, weight 3 lbs.....	\$1.00

#### PRICE LIST

Norwich Automatic Exerciser and Feeder  
F. O. B. Baltimore

No. 1—8-Quart Hopper, actual shipping weight 13 lbs.....	\$5.00
No. 2—14-Quart Hopper, actual shipping weight 15 lbs.....	5.50
No. 3—20-Quart Hopper, actual shipping weight 20 lbs.....	6.50
No. 4—32-Quart Hopper, actual shipping weight 27 lbs.....	7.50

### Apaco Poultry Feeder

which in general design is built on the same lines as our well-known and justly famous Norwich Automatic Exerciser and Feeder, but is a hanging machine rather than arranged with adjustable standard.

Constructed of 28-gauge Galvanized, Tight Coated Sheetmetal, malleable and gray iron castings for the Valves, Agitators, Collars, etc., and the workmanship of the highest possible character, we unhesitatingly guarantee our **APACO FEEDER** as the best machine ever placed on the market at its price, and offer the same guarantee that covers all our goods.

#### PRICE

Made in one size only, 9 quarts capacity...\$2.00  
F. O. B. Baltimore. Shipping weight, 5 Lbs.



Apaco Feeder

### The Norwich Automatic Air-Lock Fountain

How to supply water to the poultry house during the winter months has been one of the problems which has confronted the poultrymen for years; for there is perhaps nothing more discouraging than to fill the drinking vessels, with all the accompanying discomforts of carrying water in cold weather, and then have the fountains freeze almost before we finish the task, and it has been the experience of many poultrymen that their birds have been without water for most of the day in consequence.

One of the many features of **THE NORWICH AUTOMATIC AIR-LOCK FOUNTAIN** is the freedom from constant care and cleaning. The water within the reservoir is always fresh until used, exactly the same as it would be were it in a corked bottle or pneumatic tank, and to clean the slime accumulation which is always present where water is stored it is but necessary, perhaps but once a month, to put a solution of caustic soda and water into the reservoir, rinse it, and the inside of the vessel will be found perfectly clean and bright, thus obviating the necessity of constant cleaning, which is the case in almost every type of fountain on the market today.

#### PRICE

Made in one size only, 5 gallons capacity.  
Shipping weight, 14 Lbs.  
Complete with Burner Base.....\$6.00  
Without Burner Base.....3.50  
Base only .....3.50  
F. O. B. Baltimore.



Norwich Automatic Air-Lock Fountain

### Peerless Fountain and Heater

The Peerless Combination Fountain and Heater is very popular for winter use. It requires a very small quantity of oil to keep the drinking water warm at all times. It is made in two sizes.



5-qt. size fountain, weight 3 Lbs.....	.90c
10 qt. size fountain, weight 4 Lbs.....	\$1.25
Peerless Heater, fits either size, weight 3 Lbs.....	1.75

### Norwich Vibro Feeder



It is really surprising the number of users of Norwich Chick Feeders that have suggested to us that we make a feeder on the lines of that machine only larger for the growing chick. In response to this demand we have designed the Norwich Vibro Feeder which we offer as a complete solution of feeding mash or growing feeds to the growing chick. By the employment of Vibrator and Follow Rods, we have conquered the element of waste to a point where the only waste encountered is the grain which falls from the feeder, and there is no going beyond that point unless we can teach chicks to use napkins. It is made in one size only, 27 inches long.

#### PRICE LIST

Without rain top, weight 5 lbs.....	\$1.60
With rain top, weight 7 lbs.....	2.00



### Non-Freezable Fountain and Heater



This fountain can be used in the mid-winter with no danger of the water freezing, and also is a good heater to keep your poultry house warm, to increase egg production. It is equipped with an oil lamp with our special burner that needs no chimney; large lamp fount. furnishes oil 48 hours. It can be used in summer as well by putting lamp in position, but do not light it. They are made in two sizes—4-gallon size and 8-gallon size. The 8-gallon size is large enough for 80 to 100 fowls. The 4-gallon size is large enough for 40 to 50 fowls. There is no danger of fire. No dirt or litter can be scratched in fount. They are positively sanitary and clean.

Size	Weight Crated	Price
4 gallon	12 lbs.	\$5.50
8 gallon	18 lbs.	6.50

### 1-2-3 Poultry Feeder

1-2-3 Feeder is used for dry mash, scraps, shells, grit, charcoal or any poultry feed.

When used for one kind of feed only, take out separator; two kinds, put separator in one end. When used for three kinds, say scraps, shells and grit, put separator in middle and you have three separate feeders.



No. 1, small size.....	85c
No. 2, large size.....	\$1.45
Mailing weights, No. 1, 3 Lbs.; No. 2, 5 Lbs.	

### Moe Shell and Grit Box No. 9



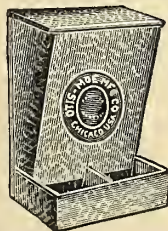
Grit, shell and charcoal have now become a recognized essential part of the diet insuring healthy fowls. They cannot be more economically supplied than in one of our inexpensive compartment boxes. Can also be used as a feed hopper for little chicks. Made of heavy galvanized iron.

Mailing weight, 4 Lbs. Price .....90c

### Grit and Charcoal Box for Baby Chicks

No. 45—Two compartment, square bottom grit and charcoal box for baby chicks.

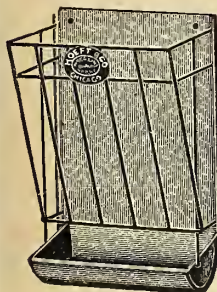
Mailing weight, 2 lbs. Price, 40c each.



### Moe's Hay and Feed Rack

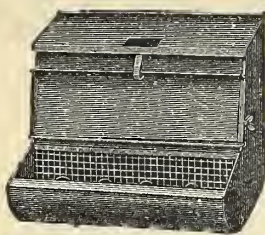
For holding Roots or Hay, Alfalfa, Clover, etc. It prevents scattering and wasting of green foods. The round trough at the bottom catches the small, tender leaves. The feed saved soon pays for the rack.

No. 44—Mailing weight, 2 Lbs. Price, 75c.



Parcel Post Table, See Page 2

### The Improved Handy Hopper



The Improved Handy Hopper is made of galvanized iron throughout. All parts are spot welded together. It is provided with hinged lid over both hopper and trough, making it rat and mouse proof, as well as dirt proof.

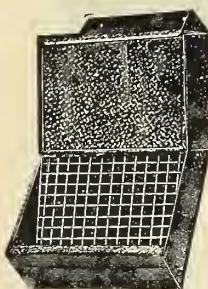
It is provided with a swinging front, adjustable to suit any kind of dry mash and which eliminates any possibility of clogging.

Hopper is 15 inches in height and 4½ inches in width and made in four lengths.

No. 1, 12 in. in length.....	\$1.65
No. 2, 18 in. in length.....	2.10
No. 3, 24 in. in length.....	2.25
No. 4, 36 in. in length.....	3.50

Mailing weights, 6, 8, 12 and 16 Lbs.

### Sexton Dry Feed Hopper



Open



Closed

No waste, no dirt and Rat Proof. Food is always before fowls.

	Each	Mailing Weight
½ Bushel Size.....	\$1.50	7 lbs.
1 Bushel Size.....	2.50	12 lbs.

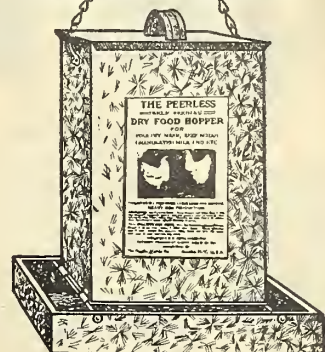
### Wall Chick Feeders



These are made in two sizes, ten inches long and twenty inches long. The sloping top prevents the chicks from roosting on it and a wire screen prevents chicks from wasting the food. This is an entirely new invention and has proven its worth and efficiency among the largest chick raisers in the world. 10 in., \$1.15; 20 in., \$1.45. Mailing weights, 3 and 5 Lbs.

## EATONS

### PEERLESS SELF-FEEDING DRY-FOOD HOPPER



It is the only hopper that is absolutely rat-proof all the time, day and night, which needs no attention except refilling when empty.

It is the only hopper that will feed grains, dry mash, beef scrap, etc., with equal facility, as it has an unobstructed feed outlet.

With this hopper the fowls positively cannot waste the feed, as they have to exercise for every mouthful they get, though the food is freely before them all the time.

It occupies neither wall space nor floor space, and is never in the way of the fowls, though always convenient to them.

The design of this hopper makes it impossible for fowls to roost on it.

Your fowls are kept ever active and healthy, which ensures heavy egg production. They are obliged to work for their food, and it's a well-known fact that the working hen is the laying hen. This hopper makes them work even when cooped up in winter, and consequently assures you of a steady supply of eggs when prices are high.

An automatic pulley is supplied with every Peerless Hopper, which can be easily attached to any style of roof. This pulley grips the cord and holds the hopper at any desired height.

Fill the hopper with dry mash or grain and hang it well above the floor or pen, high enough to compel the birds to arch their necks in order to reach the feed.

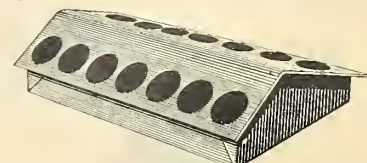
### Sizes and Prices

Small, 8 qt. size for 10 to 15 birds.....	\$1.75
Medium, 16 qt. size for 15 to 30 birds.....	2.50
Large, 32 qt. size for 35 to 50 birds.....	3.50
Mailing weights, 4, 6 and 8 Lbs.	

### Chick Feed Troughs

These troughs are very convenient for feeding flocks of growing chicks.

The trough is made on a half circle, so that every bit of feed can be easily eaten out of it.



Made in two sizes, 10-inch, 14 holes, and 20-inch, 26 holes.  
10-inch trough with grate.....25c  
Shipping weight, 1½ Lbs.  
20-inch trough with grate.....50c  
Shipping weight, 2 Lbs.



**The Duplex****Top Section Slides Into Bottom Section****Twin Duplex**  
8-qt. size,  
\$1.75 each

The latest and most practical sanitary fountain on the market. This is a double fount, keeps the water clean and pure. Easy to fill. Easy to care for. Made in two sizes, 4 and 8 quart. Try a Duplex. 4-qt., \$1.25; 8-qt., \$1.50.

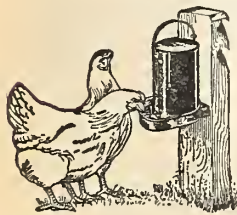
Mailing weights, 3 and 4 Lbs.

**The Peerless Fountain**

The Peerless is the all-right fount. The water is always pure; it is protected from dirt and filth. The fowls cannot injure their combs while drinking; easy to fill and easy to clean.

5-qt. size, 90c; 10-qt. size, \$1.25.

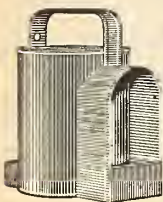
Mailing weights, 3 and 4 Lbs.

**Keystone Fountain****Fountain in Use**

Keystone Fountains will keep your stock supplied with clean water at all times at a very little trouble to you. They are made of heavy material and galvanized, superior workmanship. Easy to clean, easy to fill; pan hinged to tank.

Price, 1-qt. size, 45c; 2-qt. size, 65c; 4-qt. size, 90c; 8-qt. size, \$1.25.

Mailing weights, 1, 2, 3 and 4 Lbs.

**Sexton Heavy Wall Fount**

These are made of No. 28 gauge steel and are much better and stronger than most other fountains of this style now on the market. A hood over the trough prevents dirt from getting into water.

2 qt., 55c; 4 qt., 70c; 8 qt., 90c.

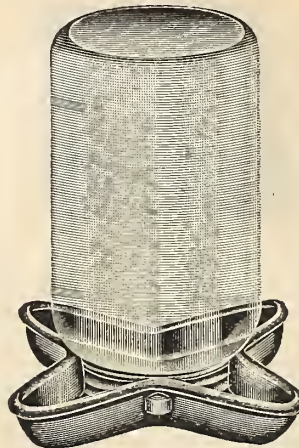
Mailing weights 2, 3 and 4 Lbs.

**Moe's Feed and Water Cup****For Exhibition Cages or Hutches**

Made of galvanized iron. Easily hung on the side of the Hutch or Exhibition Cage.

No. 61—Mailing weight, 1 lb. Price, 15c.

Parcel Post Table, See Page 2

**Moe's Star Jar Fountain and Feeder Patented**

The most simple, practical and durable Mason jar fount on the market.

No. 32, 10c each, without the jar (two) postpaid, 25c.

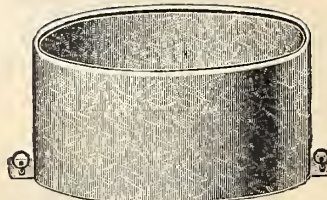
**Moe's Round Baby Chick Feeders**

Pure food for the baby chicks. A great feed saver, as the little chicks cannot get into it and contaminate the feed. Cannot be upset. Can also be used for water or milk. This is a practical, well-made feeding device that will last for years. Manufactured in two sizes.

No. 11—6 inches in diameter, 8 feeding holes, each, 15c.

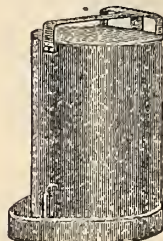
No. 12—8 1/4 inches in diameter, 12 feeding holes, each, 25c.

Postage, 7c extra.

**Moe's Feed and Water Dish**

Made of galvanized iron. Rolled-in top prevents wasting. Dish held to the floor of Rabbit Hutch by a simple locking device and easy to remove for cleaning. Impossible for stock to tip over.

No. 46—Mailing weight, 2 Lbs. Price, 20c.

**Improved Drop Bottom Fountains Single Wall**

The pan, which forms the trough, is hinged at the back and fastened by a catch in front. The flat back allows the fountain to be firmly placed against the wall and the drop bottom enables the fount to be thoroughly cleaned and kept in a sanitary condition. 2 Qt. size 90c. 1 Gal. size \$1.15.

**Automatic Fountain and Chicken Feeder**

This appliance for chicks feeds water, grain, grit, etc., automatically. It is an absolutely sanitary fountain, made to fit any half-gallon, quart



or pint Mason jar. We do not furnish jar. Pan is hinged to the wire, so that it is not necessary to remove the can in order to refill it.



Price, 10c each.

Mailing weight, 1 lb.

**Mason Chick Server**

This server works automatically with feed or water. Fill a one-quart Mason fruit jar, screw the base to its place then it is ready for business. Chicks cannot get wet. Price 15c. Postpaid, 20c each.

**Nesco Chick or Brooder Fountain**

Quickly filled and the chicks cannot get wet. Price, 20c each. Postage 5c extra.

**Nesco Galvanized Drinking Fountains**

Improved, 1 qt., 30c; 2 qts., 35c; 4 qts., 45c. Mailing weights, Improved, 1, 2 and 3 Lbs.

**Moe's Hutch Scraper and Cleaner**

Made of one-piece galvanized iron. Just the thing to get into the corners when cleaning. 10 in. long.

No. 47—Mailing weight, 2 Lbs. Price, 20c.



# Conkey's

## THE ORIGINAL

# BUTTERMILK STARTING FEED

### *Raises Husky Chicks*

**A Ready Prepared Mash** for baby chicks and all self-feeding young fowls. This remarkable feed—originated by Conkey and prepared through processes controlled and used exclusively by Conkey is a complete ration—containing all the elements needed for safely starting baby chicks, ducklings, goslings, poults, guineas, pheasants, etc.



HIS superior chick mash was the first commercial poultry feed containing buttermilk—that is why we call it the only ORIGINAL buttermilk starting feed.

Conkey's did not "just happen"—it is a scientifically-balanced feed as clean and wholesome and as conscientiously-prepared as "infant food." Selected, plump grains, ground to proper fineness, are combined with other ingredients so as to make the feed readily digestible, palatable and nutritious. TASTE it, SMELL it, that's the way to judge a chick feed.

Conkey's carries buttermilk in just the right proportion as an aid in prevention of bowel troubles, White Diarrhea, "leg weakness," etc. The buttermilk is Semi-Solid buttermilk, blended with the other ingredients by the ORIGINAL process in such a way as to preserve the appetizing, tonic, and other properties of the newly-churned product.

The moisture in the buttermilk is drawn off by the exclusive Conkey process in such a way as not to subject it to the terrific heat usually required in "drying" buttermilk.

Lactic acid in buttermilk is described as an "Intestinal broom" which sweeps away unfriendly bacteria and disease germs in the delicate digestive tract. Buttermilk is also rich in one of the vitamins necessary to growing birds. It is a wonderful appetizer, aid to digestion and flesh builder.

However, it is not the buttermilk nor the other ingredients alone that causes people to declare that their chicks grow twice as fast on Conkey's.

**GUARANTEED ANALYSIS**  
Crude Protein, 12%; Crude Fibre, 4%; Crude Fat 3%; Nitrogen Free Extract, 56%; Carbohydrates, 60%.

#### Ingredients

Semi-Solid Buttermilk, pinhead oatmeal, a special wheat middlings whole corn meal, corn feed meal and granulated bone.

It is not the buttermilk alone that protects the chicks from disease during the first critical eight weeks. The secret is in the combination of these materials by the Conkey method—the balancing of the ration, as Conkey alone knows how.

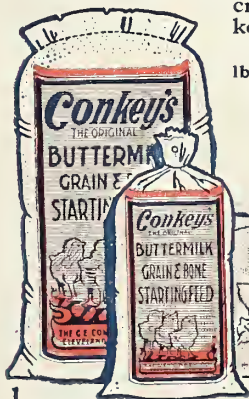
Don't be influenced by "cheaper" imitations labeled "buttermilk"—that word may be used to deceive unwary buyers—to cover up a multitude of "sinful" grains, mill sweepings, poisonous weed seeds, musty screenings, worthless by-products, or other poor material having little or no nutritive value.

Conkey's is so palatable that one poultryman said it ought to be used for "breakfast food." One woman wrote: "My chicks just love Conkey's. It is so tasty, and my, how they do grow! Better still, we didn't have a single loss in the present hatch, no White Diarrhea or other bowel troubles like before we began using Conkey's."

## FEED IT FIRST 8 WEEKS

Conkey's is all the chicks need the first eight weeks except greens, charcoal, grit, clean water and some fine scratch grains in the litter for exercise. Give grit and water from the start. During the second week add green stuff and in the fourth week finely cracked chick grains, like Conkey's Chick Grains.

Packed in convenient sizes from 2½ lbs. up Buy 1½ lbs. for every chick.  
Ask or write for prices.





# Conkey's NOX

THE NEW  
SOLIDIFIED DISINFECTANT  
AND STOCK DIP



Here at last is a high-grade disinfectant in solid form. A little cube—only an inch square—mixed in water makes a gallon of dip or disinfectant with a co-efficient of 5.25, making it 2 to 3 times as strong as most coal-tar disinfectants.

No fuss and bother with heavy, leaky cans and steel drums. No waste, no guessing as to mixture. A saving on freight and packing charges.

Conkey's Nox is made of imported oils—noted for their uniformity—and concentrated by an exclusive, patented process.

Conkey's Nox is of a nature similar to Conkey's Nox-i-cide, but in a condensed, more effective, more easily-handled form. It is also over two times as strong, giving Nox an even wider range of uses than Nox-i-cide.

The presentation of this newer, better way is another Conkey achievement that ranks with the discovery of Conkey's world-famous Roup Remedy and other Conkey products. In this, Conkey, as usual, leads the way to improved methods.

Packages, 6 cubes, 25c; 15 cubes, 60c; 30 cubes, \$1.00; 75 cubes, 2½ lbs., \$1.75; 150 cubes, 5 lbs., \$3.25. Parcel post, express or freight extra.

Ask for special prices on larger quantities.



## Conkey's Sorehead Remedy

For dangerous, contagious sorehead or chicken pox, pigeon pox, warts and pian. Attacks the trouble from two angles—a powder for the blood and a salve for the sores.

Packages, 25c, 50c; 30c, 55c postpaid; breeder size (1 lb. salve, 5 lb. powder) \$3.50 or 10 lbs. powder only, \$3.50; \$3.65 postpaid.



## Conkey's Blackhead Remedy

Turkey breeders should have a package on hand as blackhead is deadly in advanced stages. Should be given regularly to growing poult.

Packages, 50c; 55c postpaid.



## Conkey's Poultry Worm Remedy

This prescription rids birds of many troublesome worms, thus promoting a return to healthy conditions. Give it as soon as you suspect worms—it will help the whole flock.

Packages, 25c, 50c, 30c, 55c postpaid; breeder size, (5 lbs.) \$2.75; \$2.85 postpaid.



## Conkey's Poultry Laxative

Wherever a laxative or purgative is needed this remedy is just the thing for birds—by varying the dosage you can produce either a mild or a strong effect. Works without a debilitating after-effect.

Experts say, and we have found through experiments, that a poultry laxative given every week or two not only keeps birds in better condition but increases the egg yield very materially. If you are not employing this method, try it and be convinced.

Packages, 25c, 50c; 30c, 55c postpaid; breeder size (5-lbs.) \$2.75; \$2.85 postpaid.

# Conkey's WHITE DIARRHEA REMEDY



Once you have used this old reliable preparation, you will never be without it. As a preventive of bowel troubles, White Diarrhea and other digestive complaints, it has given great satisfaction for many years.

After getting a start diarrhetic conditions often sweep away the whole hatch—hundreds of chicks. Play safe—keep this remedy in the drinking water until the danger period is past.

This remedy is also recommended as a preventive measure and in treatment of coccidiosis, a diarrhetic condition which attacks chicks similarly to White Diarrhea, but which differs from White Diarrhea in that a principal symptom is bloody droppings rather than white.

Packages 25c, 50c, \$1.00, all postpaid; breeder size (1200 Tablets) \$3.50; \$3.60 postpaid.





## Have a Conkey Corner in Your Poultry House

Raising poultry is pleasant and profitable when "good luck" is with you. Good luck, however, is not merely a matter of chance, but of BEING PREPARED. For more than twenty-five years Conkey has been THE POULTRY DOCTOR. Take his advice. Install a Conkey Corner of remedies in your poultry house as insurance against disease, trouble, loss and disappointment.

We sell Conkey's Poultry and Stock Remedies because we know they are reliable and we can guarantee them as follows:

Your money refunded cheerfully if any Conkey remedy does not satisfy.



## Conkey's ROUP REMEDY



When Roup breaks out there's no time to experiment—start treatment at once—the disease is very contagious. Cold, rainy weather and changeable conditions intensify Roup. When birds sneeze, froth in eyes, or run at nose put Conkey's Roup Remedy in the drinking water. Sick birds doctor them-

selves and others are protected from catching the disease. Better still, always at the first sign of "roupy weather," place Conkey's Roup Remedy in fountains—it's a great preventive.

Packages 25c, 50c, \$1.00; breeder size (5-lb. can) \$5.75. All postpaid.

### Conkey's Roup Pills

For treating individual cases and for use at shows when birds develop colds. These pills have saved many a valuable bird.

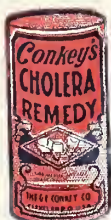
Packages 30c, 60c, \$1.20, all postpaid; breeder size (1000 pills) \$3.00, \$3.10 postpaid.



### Conkey's Canker and Bronchitis Remedy

This splendid remedy checks cankerous growths and sores and soon restores the bird to normal. This remedy is Conkey's Specific for bronchitis. Also desirable in treating individual cases of Roup and for use at shows for colds.

Package 50c Postpaid.

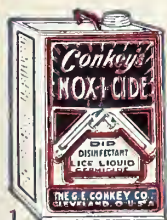


### Conkey's Cholera Remedy

So-called Cholera, bowel troubles, indigestion, diarrhea and kindred ailments often kill a whole flock in a few days. Diarrhea, a drowsy, listless appearance and great thirst—these are the signals to put Conkey's Cholera Remedy in the drinking water.

Packages 25c, 50c, \$1.00, all postpaid; breeder size 5 lbs., \$2.50; \$2.65 postpaid.

## Conkey's NOX-I-CIDE Mite Liquid, Dip, Disinfectant



Every poultry yard, ranch, home, factory, stable, store, office building—in fact, every place where sanitation is necessary to health—needs Conkey's Nox-i-cide every day in the year.

For poultrymen, Nox-i-cide is indispensable as a red mite destroyer—paint it on the roosts and spray it into cracks. Spray premises daily when disease is present and once a week as a preventive of red mites, ticks, "bluebugs" and disease epidemics.

As a veterinary wash in treating swine, sheep, stock, etc., Nox-i-cide is widely used. Sheep raisers, swineherds, cattlemen and others praise it highly as a dip.

Try it for household use—for assisting in driving out ants, destroying odors, routing out bedbugs and cockroaches, for making sinks, cess-pools, garbage containers, etc., sanitary and safe.

Cans, Pint 45c; Quart 70c; 1 Gallon \$1.15; Gallon \$1.80; 5 Gallon \$8.75; 10 Gallon \$17.00. Parcel post, express or freight charges extra.

Ask for Prices on Sprayers





## Conkey's POULTRY TONIC

Every bird from chick to maturity will be more productive, healthier and more profitable if given a good tonic and regulator. Conkey's Poultry Tonic helps birds to get more out of their feed; they produce more eggs and better flesh on LESS FEED, by better digestion and assimilation.

Conkey's Tonic is all medicine—free from filler, red pepper, and "hot stuff" to overstimulate the birds and break down their health. Conkey's builds on a natural, healthy basis, inducing steady and persistent laying. Keeps the young chicks growing, makes molting easy, strengthens the bird for bad weather and generally maintains a high health average.

Buy it by the pail. Packages, 25c, 50c, \$1.00; pails, 12-lb. \$1.60; 25-lb. \$3.00; bags, 50-lb. \$5.00; 100-lb. \$9.50. Parcel post, express or freight charges extra.



### Conkey's Gape Remedy

Don't try to extract gapes with a wire or feather when you can get such an effective remedy as Conkey offers. This remedy comprises two powders—both in same box for one price—one sifted over chicks causes them to dislodge the worms in wind-pipe by coughing, the other is a tonic powder which is mixed in the feed—to help the bird build up its resisting powers.

Packages, 25c, 50c; 30c, 55c postpaid.



### Conkey's Limberneck Remedy

For limberneck (or ptomaine poisoning) this remedy should be on hand in your Conkey Corner at all times as Limberneck must be treated promptly.

Packages, 50c; 55c postpaid.



### Conkey's Poultry Conditioner

Highly concentrated fowl-regulator, blood-purifier and nerve food, to build up birds in a rundown condition or for fowls recovering from disease. Splendid for putting birds in condition for shows, and sustaining them during exhibition.

Packages, 25c, 50c; 30c, 55c postpaid.



### Conkey's Fly Knocker

Dairymen, horsemen, cattlemen, and sheep raisers declare this to be the best investment they make—animals free from insects do better in milk and butter fat production, while growing stock unquestionably fattens faster when relieved from disease-spreading insects.

Cans—qt. 60c; ½ gal. 90c; gal. \$1.50; 5 gal. \$7.25; 10 gal. \$14.00. Parcel post, express or freight extra.



### Conkey's Scaly Leg Remedy

This ointment applied to birds' legs in a few treatments will kill the parasites responsible for the trouble and heal up the legs with a healthy lustre.

Package, 25c Postpaid.

### Conkey's Stock Tonic

A general conditioner of real merit for live stock.

Packages, 25c, 50c; pails, 12 lb. \$2.10; 25 lbs. \$3.45; bags, 50 lb. \$5.25; 100 lb. \$10.00. Parcel post, express or freight charges extra.

## Conkey's LICE POWDER



For dusting hens, nests, growing chicks—wherever body lice must be overcome.

Packages, 10c, 25c, 50c; pails 12-lb. \$1.40; 25-lb. \$2.75. Parcel post, express or freight extra.

### Conkey's Lice Liquid

For painting roosts, fittings, inside of house, nest boxes and wherever mites congregate.

Cans—qt. 60c, 2-qt. 90c; gal. \$1.50; 5-gal. \$7.00. Parcel post, express or freight extra.

### Conkey's Head Lice Ointment

For overcoming and preventing murderous head louse which "eats up" baby chicks.

Packages, 10c, 25c, postpaid.

### Conkey's Lice Fix

A preparation in ointment form for fighting body lice. One application lasts a month.

Packages, 25c, 50c postpaid.





## PRICES—CONKEY'S BUTTERMILK STARTING FOOD



2½ Lbs. 25c  
5 Lbs. 45c

10 Lbs. 75c  
25 Lbs. \$1.65

100 Lbs. \$5.50

F. O. B. BALTIMORE, MD.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

## Bolgiano's Square Deal Water Glass

**Saves Money and Helps Keep Down the High Cost of Living**

Put your eggs down in the spring and summer when they are cheap and keep them fresh for ten months. One gallon makes sufficient solution for 50 dozen. "Square Deal" Water Glass has been thoroughly tested. Do not trust eggs to a water glass of inferior strength. It must be pure and strong to safely protect eggs.

Stone or earthenware crocks, wooden kegs, glass jars, tin or iron vessels, or galvanized iron cans may be used; practically any convenient water-tight vessel that can be kept covered. Have about two inches of the preserving solution clear above the eggs. If necessary to add more solution because of evaporation, make up a fresh quantity of 11 parts water to 1 of solution and pour in. Do not simply fill up with water.

Prices: 1 quart, 30c; 2 quarts, 55c; 4 quarts, \$1.00.

## Bolgiano's

## "Square-Deal" Poultry Remedies

### Bolgiano's Square Deal Roup Remedy

Roup is one of the most common, most contagious and most fatal diseases which afflict poultry. It frequently starts with a simple cold, and if unchecked quickly spreads through the entire flock. The symptoms are odorless discharges at the mouth and nostrils, followed by a swelling of the head and quick breathing. If it is used in the drink, the fowls take their own medicine.

Prices: Box to make 25 gallons, 25c, postpaid; box to make 75 gallons, 50c, postpaid.

### Bolgiano's Square Deal Cholera Remedy

Cholera is a contagious and fatal disease and must be treated promptly upon appearance to save the flock infected. Unless stamped out it will annihilate the whole flock. For quick relief we can recommend this powder

Price: 25c and 50c, postpaid.

### Bolgiano's Square Deal Liquid Lice and Mite Killer

**For Destroying Certain Lice, Insects and Mites on Fowls and Stock**  
We believe the strongest and most satisfactory liquid lice and mite killer manufactured. If you don't feel that way after using it, get your money back.

It requires an entirely different method of treatment to rid poultry houses of mites than to kill lice on fowls. You must "get after" these terrible blood-sucking pests with a fluid, and it is necessary to depend upon a gaseous vapor to penetrate their hiding places.

**Square Deal Liquid Lice and Mite Killer** has a double value. It kills by contact and the vapor thrown off by it kills most vermin.

Prices: 2-qt. cans, 75c, mailing weight, 7 lbs.; 1-gallon cans, \$1.25, mailing weight, 11 lbs.

### Bolgiano's Square Deal Disinfectant and Deodorizer

**For Disinfecting Poultry Houses, Stables, Kennels, Toilets, Sink-drains, Cesspools, and to destroy most foul odors.** Use two tablespoonfuls in one quart of water.

Valuable for washing out Incubator Cellars, Incubators, Brooders, Brood Coops and Drinking Utensils.

**For General Use.** One quart of Square Deal Disinfectant, makes fifty quarts of Disinfectant. No household, farm, stable or factory should be without it. Full directions on each package.

Prices: 2-qt. can, 75c, mailing weight, 7 lbs.; 1-gal. can, \$1.25, mailing weight, 11 lbs.

### American Turkey Powder

One of the best Turkey Powders on the market. Guaranteed to give satisfaction or money refunded. If you raise turkeys and are troubled with sickness or disease try a package of the powder in your feed, also in the water, and you will see what a difference and how soon your birds will be back in condition again. Will prevent Black Head, a disease dreaded by turkey raisers. Price, per package, 35c; by mail, 10c extra.

### Bolgiano's Square Deal Lice and Scaly Leg Ointment

An Ointment for External Use

**For Scaly Leg.** Grease surface thoroughly. Let remain two days, wash off with warm water and soap and then make new application.

**For Head Lice.** At night apply a small quantity to top of head and rub in well.

Price: 25c, postpaid.

### Bolgiano's Square Deal Salt Cat

**Square Deal Salt Cat** is a scientific combination of those aromatic and tonic properties that are recognized by pigeon keepers as aiding digestion, promoting good health and egg production in pigeon and game fowls.

These ingredients are cast in a brick form of sufficient consistency to hold the component parts in a solid mass, yet soft enough to be easily pecked apart. Each brick is encased in a box. Every pigeon fancier should feed **Square Deal Salt Cat**.

Price: Per brick, 20c; mailing weight 2 lbs.



### Sterlingworth Flea Killer

When your dog gives you the "scratching sign" remember how miserable a few mosquitoes make you and "get busy" with flea relief measures. Don't keep a pet unless you are willing to do the "right thing" by it, and leaving your cat or dog to fight fleas when you can relieve him with a 25c box of **Sterlingworth Flea Killer** is NOT doing the "right thing."

We know of no other powder like it in results. Stand the animal on a sheet of paper and work **Sterlingworth Flea Killer** to the skin on the head, then into the hair on the rest of the body, and you will see the fleas drop dead from the animal.

Price: 2 oz. sprinkler box, 25c, postpaid.



### Sterlingworth Egg Tablets

More Eggs or Your Money Back

The fellow who tells you that egg tonics are useless and should not be fed to hens is the fellow you meet most frequently in the drug store buying spring tonics, cascara, quinine or liver pills. Careful inquiry will generally show that he believes in "dosing" himself, wife, horse, dog, cow and cat, but on the point of "helping out" the hen he takes a different stand.

We want every poultryman in the United States who wants more eggs than he is now getting to try **Sterlingworth Egg Tablets**, with the distinct understanding that, if after using one-half the contents he does not believe that they have helped him, he may return to us the unused half and we will return to him the purchase price.

These tablets contain more real concentrated egg-stimulating tonic value than is contained in a pound of many filler egg foods. They are used by dissolving in water or crushed into powder, and may be given either in the fowl's drink or by moistening food with the water in which the tablets are dissolved or mixed dry with mash foods. The best way is to feed in the food. Full directions on every package.

Prices: Trial size (25 tablets, sufficient to medicate 130 lbs. of feed), 25c, postpaid. Large size, 75 tablets, 50c, postpaid.



### Sterlingworth Sulphur Candle

Kills Many Insect Pests and Certain Disease Germs

**Sterlingworth Sulphur** (three bours) Candles produce a large quantity of vapor. The wick is easy to light and when "lit" stays "lit."

They contain sufficient sulphur to burn three hours. This is more sulphur than many candles contain that are sold for a higher price. They are excellent for ridding poultry houses, dog kennels, cellars, outhouses, etc., of certain insect pests and many disease germs. The vapor from them penetrates

crevices which cannot be reached by powders or liquids. Sulphur fumes are recommended by many Boards of Health and physicians for destroying Typhoid, Diphtheria, Small-pox and many other disease germs.

Price: 10c each; mailing weight, 1 pound.



### Sterlingworth Going Light Tablets for Pigeons

When used as per directions will cure the dreaded disease known to Pigeon Keepers as "going light," except in cases where the bird has reached an incurable stage of the disease. These tablets contain powerful remedial properties, and should not be fed to young birds. Directions with every package. Price, 25c, postpaid.



Parcel Post Table, See Page 2

# Dr. HESS

## Poultry and Stock Preparations

Prescriptions of Dr. Hess (M. D., D. V. S.)



### Dr. Hess

#### Poultry Pan-a-ce-a

makes poultry healthy; makes hens lay; not a stimulant, but a tonic that tones up the dormant egg organs, brings back the scratch and cackle and compels each hen to put her share of eggs in the market basket.

It also contains internal antiseptics that counteract disease; insures a healthy, singing poultry flock. Cost but a trifle—a penny's worth enough for 30 hens per day. 1½ lbs., 25c; 5 lbs., 75c; 12 lbs., \$1.50; 25-lb. pail, \$3.00. Guaranteed. Postage extra.

### Dr. Hess Stock Tonic

Formula printed on every package

Every ingredient indorsed by the U. S. Dispensatory and other high medical authorities. It aids digestion, makes stock healthy and expels worms. Helps stock convert more ration into milk, flesh, blood and muscle. Every pound backed by the Dr. Hess & Clark unqualified guarantee.

Prices. 2-lb. package, 25c; 4½-lb. package, 50c; 10-lb. package, \$1.00; 25-lb. pail, \$2.25. Postage extra.

### Dr. Hess Healing Powder

The modern gall cure. Cures galls, cuts, wounds, ulcers, grease heel. Antiseptic and soothing. Heals everything it touches by forming a coating, cleaning and closing up wounds. Comes in sifting-top cans. Price, 4 ozs., 25c; 10 ozs., 50c. Guaranteed. Postage extra.



### Instant Lice Killer

Kills lice on poultry, horses, cattle; sheep ticks; bugs on cucumber, squash and melon vines; cabbage worms; slugs on rose bushes, etc. Sold in sifting-top cans—look for the word "Instant" before buying. Price, 1 lb., 25c; 2½ lbs., 50c. Guaranteed. Postage extra.

### Dr. Hess Dip and Disinfectant

Non-poisonous and non-irritating and guaranteed to be absolutely uniform in strength at all times. One gallon of Dip makes from 70 to 100 gallons effective solution. Spray it on roosts. Sprinkle it over the runs and in all cracks and crevices. Spray it on cattle and horses. Makes a splendid dip for hogs and sheep. It's a sure parasite and disease germ destroyer. Purifies stables, troughs, sinks, drains. Guaranteed.

Keeps the premises pure and healthful. Good alike for home and stable. Price, Pt., 40c. Qt., 60c. ½ Gal., \$1.00. Gal., \$1.75. Postage extra.

### Dr. Hess Fly Chaser

Drives flies away. One application lasts six hours. Prevents milk slump. Keeps cattle and horses contented during the fly season. Most humane idea of the age. Its use during summer months will insure good profits. Guaranteed.

Drives away flies. Prevents milk slump. Price ½ Gal., 90c. Gal., \$1.50. Postage extra.

### Dr. Hess White Diarrhoea Remedy for Chicks and All Poultry Effected with Diarrhoea

Can be given either way, mixed with the feed or added to the drinking water. 25c and 50c sizes. Postpaid.

## LEE'S POULTRY REMEDIES

### LEE'S GERMOZONE FOR POULTRY

Cures Roup, Colds, Canker, Chicken-Pox Sore Head, Swelled Head, Cholera, Bowel Trouble

Germozone is peculiarly adapted to all of these troubles because it may be administered either externally or internally for poultry according as the case may require. The Germozone is antiseptic and healing and has the important property of counteracting, in the chicken's crop, much or all of the musty or poisonous matter which will cause trouble later. It also has a regulating effect upon the bowels.

This is the reason why we recommend the giving of Germozone in the drinking water of chickens, young or old, two or three times a week with regularity. Many follow the plan of giving it every day in the last drink at night, giving pure water only during the day. It should not be given in all drinking water all the time.

Germozone comes in liquid or tablet form with full directions in each package.

Liquid, 40c and 75c. Tablets 25c and 75c.

Lee's Liquid Lice Killer. 1 Qt. 60c. 2 Qts. 90c. 4 Qts. \$1.50.

Lee's Louse Powder. 1 Lb. package, 25c.





# ANIMAL AND POULTRY REGULATORS AND REMEDIES

## Buttermilk Baby Chick Food

SATISFACTION GUARANTEED OR MONEY BACK

Parcel Post Table, See Page 2

Postage Extra and Must Be Included When Remitting

Healthy stock and lots of eggs, the two big things in poultry raising, are made certain by giving.

### Pratt's Poultry Regulator

Packages, 25c, 50c and \$1.10. 12 lb. pail, \$1.65. 25 lb. pail, \$3.00.

It builds up vitality, insures sound digestion, sharpens appetite and prevents disease, thus putting birds in condition for heavy egg laying or winning blue ribbons.



### Pratt's White Diarrhoea Remedy

To protect your chicks from white diarrhoea, the most destructive of all chick diseases, it is only necessary to give Pratt's White Diarrhoea Remedy in the drinking water from the first drink. This remedy has saved many dollars' worth of chicks for poultry raisers. You can depend on it. 25c and 50c.



### Pratt's Roup Remedy

Don't let ROUP cut your profits. The sure and easy "ounce of prevention" against this dangerously contagious disease is

### Pratt's Roup Remedy

Tablets or Powder, 25c, 50c

Quickly absorbed by the blood, purifies the system, reduces fever, allays inflammation. The safe remedy for roup, colds, catarrh and all bad weather diseases.



### A Guaranteed Pratt Remedy For Practically Every



Stock and Poultry Ailment

### Pratt's Powdered Lice Killer

Get rid of lice on your poultry, in nests, dustbaths, incubators and elsewhere in a day's time by using

### Pratt's Powdered Lice Killer

Effective, non-poisonous, non-irritating. May be used wherever a powder is suitable. A splendid deodorizer. Will kill lice on horses, cattle, dogs, cats and plants.

Price, 12c, 25c and 50c



### Pratt's Condition Tablets

A "bracer" for overworked, run-down poultry. Keeps show birds in the pink of condition; puts flesh on thin birds; prevents colds, roup and liver troubles. We guarantee this Remedy to satisfy you or refund purchase price. 25c and 50c a box.



### Pratt's Gape Remedy

An unfailing guaranteed remedy for Gapes. If used in the drinking water from the start until the chicks are four weeks old, gapes will be practically unknown.

Prices, 25c and 50c.



### Horse and Cattle Remedies

Pratt's Conditioner, 60c. 12 lb. bags, \$1.00. 25 lb. bags, \$1.90.

Pratt's Distemper and Pink Eye, 70c.

Pratt's Healing Ointment, 30c and 60c.

Pratt's Healing Powder, 30c.

Pratt's Worm Powder, 50c.

Pratt's Liniment, 35c and 70c.

Pratt's Heave, Cold and Cough Cure, 50c.

Pratt's Liquid Lice, 1 qt. 50c, 2 qts. 85c, 4 qts. \$1.35.

Pratt's Bronchitis Remedy, 25c and 50c.

Pratt's Head Lice Ointment, 30c.

Pratt's Scaly Leg Remedy, 30c and 60c.

Pratt's Germothol Bottles, 30c and 60c.

### Just Watch Them Eat It—and Grow Pratt's Buttermilk Baby Chick Food

The first three weeks is the critical time of a chick's life. They are tender babies and need Pratt's, the original "baby food for baby chicks." It is the right food because it contains only the sweetest and best of wholesome growing food elements that will meet every need of a baby chick.

Dried Buttermilk, cooked wheat, bone-building phosphates, these and a host of other splendid ingredients go to make up Pratt's Buttermilk Baby Chick Food. Best because it gives results; cheapest because it raises more and better chicks. Always uniform, sweet, appetizing and satisfying. Used for years by thousands of the most successful poultrymen the world over. Packages 25c and 50c. 14 lb. bags \$1.10.

Write for prices on larger quantities.



### Pratt's Poultry Disinfectant

Gives comfort and health by destroying lice, mites and other vermin, and the germs of roup, colds and other diseases by freely and regularly using

### Pratt's Poultry Disinfectant

Three times as powerful as carbolic acid. Doesn't burn or irritate; safe to handle; lowest in price.

Besides its use in the poultry yard, it is an admirable household antiseptic and deodorant. 1 qt., 55c. 2 qts., 90c. 1 gal., \$1.50.



### Pratt's Animal Regulator

More work out of your horses. More milk from your cows, fatter hogs—these are a few of the benefits which come from using

### Pratt's Animal Regulator

Always sold on a guarantee that it will satisfy you or money back.

12 lb. pails, \$2.15. 25 lb. pails, \$3.40, are popular with our customers. Packages at 25c, 50c and \$1.00. 50 lb. drums, \$5.85. 100 lb. drums, \$11.40.



Postage Extra and Must Be Included When Remitting



Parcel Post Table, See Page 2

**Oculum**

"OCULUM" is not a stimulant, but is a SCIENTIFIC GERMICIDE. It destroys disease germs in the bowel and keeps fowls healthy.

"OCULUM" increases weight from  $\frac{1}{2}$  lb. to 3 lbs., according to breed.

Prices: 10c, 50c and \$1.00 Bottles.

Postage extra.

**Macnair's Chicken Powder****Get More Eggs**

By using Macnair's Chicken Powder. Used for more than ten years by hundreds of successful poultry raisers. It will assist nature to keep your hens in normal, healthy condition, causing them to lay more eggs. Used successfully in the treatment of poultry diseases. Price, 50c and \$1.00. Postage extra.

**Macnair's Barnyard Protector**

**Destroys Hawks, Crows and All Barnyard Pests**  
**Save Your Chicks and Turkeys**

Mix one tablespoonful with half pint of feed and feed the chickens or turkeys just before the usual time the hawk makes his visit, or three times a day in order for the hawk to get the full effect of the medicine. The drug that destroys the pest is contained in the craw of the chicken or fowl and this being a part of the anatomy that is never used on the table there is no danger to you. This being a stomach poison it will not effect your birds. Price, 50c and \$1.00. Postage extra. Insist always on the original.

**Don't Feed Green Food!**

Do away with the bother by using

**Succulenta Tablets**

They are better, cheaper and more relished by all fowl. Simply dissolve one tablet in one quart of drinking water. Succulenta Tablets are not a drug nor a remedy, but a food—wholesome and harmless. They make chicks grow. A FULL EGG BASKET IS ASSURED

100 large tablets by mail, \$0.50  
250 " " " " 1.00  
500 " " " " 1.75  
1000 " " " " 3.00

Your Money  
Back If Not  
Satisfied

**Feed Succulenta to the Home Flock**

The U. S. Government is urging everyone who has a backyard to keep a few hens to supply the home table. Such a flock costs little to keep, as it can be fed to a considerable extent upon table scraps. The backyard poultry keeper will find Succulenta a great boon, as it takes the place of green feed which is often so difficult to secure.

**Dog Foods**

"SPRATT'S" MEAT "FIBRINE" VEGETABLE DOG CAKES ARE THE BEST AND CHEAPEST

The standard dog food. They will keep a dog in show form and working condition. Used at the leading kennels and dog shows throughout the world. A staple and constant food for all breeds of dogs.

**Convincing Proof of Merit**

At three shows recently over three thousand (3,000) prizes were won by dogs fed regularly and exclusively on Spratt's Dog Foods.

Prices: 100 lbs., \$13.00. 50 lbs., \$7.00. 25 lbs., \$3.50. Cartons, 15c and 30c.

**PUPPY FOODS**

"SPRATT'S" PUPPY BISCUITS. The Standard Puppy Food

Are the best and cheapest for puppies of all breeds, toys or small dogs that gets very little exercise. They are refined and dainty.

A perfect and whole food for puppies of all breeds.

Puppies should be started on these biscuits when about one month old and they should be continued until such time as their teeth become sound and strong, usually when they are about six months old. Follow directions on each package.

Prices: Cartons, 15c and 35c.



"SPRATT'S" TURKEY FOOD (fine for chicks or poults, coarse for old birds) is an absolute necessity for the successful rearing of turkeys. It prevents disease and rears strong, vigorous birds. Prices: Cartons, 40c.

**"SPRATT'S" PHEASANT MEAL**

The ideal food for young pheasants. Prices: Cartons, 40c.

**SPRATT'S AQUARIUM FISH FOOD**

is the result of years of careful experimenting on all kinds of fish in aquariums. It contains the precise combination of vegetable and animal matter for the maintenance in health of aquarium fish, tadpoles, etc.

Price per tin 15c, by mail 20c.

**SPRATT'S DOG REMEDIES**

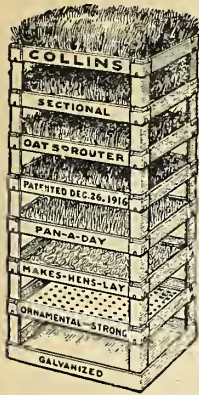
Spratt's Alternative Cooling Tablets. For heated blood, etc.	\$0.60
Spratt's Anti-Vomit Tablet.	.60
Spratt's Chronic Skin Disease Tablets. For obstinate cases of Mange and Eczema.	.60
Spratt's Cough Tablets. Generally effect a quick cure.	.60
Spratt's Constipation Tablets. A gentle and effective laxative.	.60
Spratt's Digestive Tablets. For severe cases of indigestion.	.60
Spratt's Diarrhoea Tablets. To relieve Diarrhoea, which usually follows change of food, etc.	.60
Spratt's Distemper Tablets. May be used as a preventive.	.75
Spratt's Ear Canker Ointment. For both internal and external forms of this disease.	.60
Spratt's Eye Lotion Tablets. A safe and efficient remedy.	.60
Spratt's Eczema and Sarcopic Mange Remedy (oily).	.60
Spratt's Hair Stimulant and Restorer.	.60
Spratt's Kidney Tablets. For Cystitis or Inflammation of the Bladder, etc.	.60
Spratt's Liniment. For Rheumatism, Sprains, Bruises, Lameness, etc., and may be used for human treatment as well.	.60
Spratt's Liver Tablets. A safe and reliable remedy.	.60
Spratt's Locurium Ointment. For Wounds and Cuts, Bruises, etc. Good for man as well as beast.	.60

Spratt's Mange Remedy.	\$0.60
Spratt's Purgative Tablets. Perfectly safe and effective.	.60
Spratt's Worm Capsules. An expedient of Round, Maw and Tape Worms.	.60
Spratt's Worm Capsules for Puppies. May be given with perfect safety to puppies from six weeks old to six months.	.60
Spratt's Tonic and Condition Tablets for Toy Dogs and Puppies.	.60
Spratt's Pneumonia Tablets. A safe and reliable remedy.	.60
Spratt's White Dog Soap. For fleas, lice, etc.; per cake.	.25
Spratt's Patent Antiseptic Soap (Black) for veterinary use, etc.	.50
SPRATT'S AQUARIUM FISH FOOD. The only aquarium fish food that does not foul the water.	
Prices: By mail, 20c; per tin.	.15
SPRATT'S BIRD TONIC (Henning's). For the prevention and cure of all diseases which cage birds are subject to.	
Prices: In bottles.	Not available
SPRATT'S SONG RESTORER (Dunlap's). A treat and tonic for Canaries, Linnets and all seed-eating birds.	.15
Prices: By mail, 30c.	.25
Spratt's Tonic and Condition Tablets for Cats.	.60
Spratt's Distemper Tablets for Toy Dogs and Puppies.	.75
Spratt's Distemper Tablets for Cats.	.75
Spratt's Vermifuge Capsules for Toy Dogs and Puppies.	.60
Spratt's Vermifuge Capsules for Cats.	.60



Collins Sectional Fireless Oat Sprouter

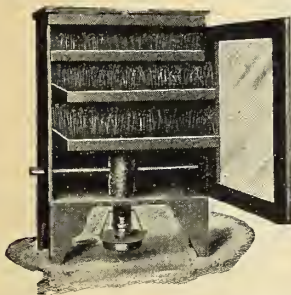
The "Successful" Grain Sprouter



Made in three sizes at the following popular prices:

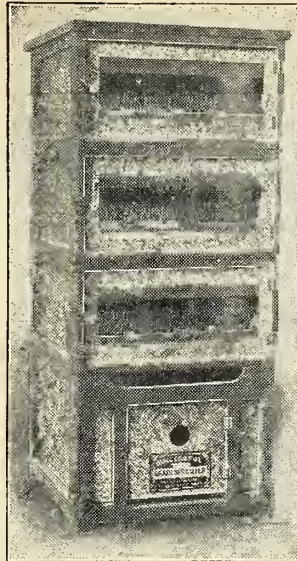
Five pans, 11x15.....\$3.00  
Eight pans, 11x15..... 4.00  
Eight pans, 11x32..... 8.00  
Shipping weights, 10 Lbs., 14 Lbs., 29 Lbs.

Quality Always  
Reliable Grain and Oats Sprouter



Sprouted oats will make hens lay. The Reliable Sprouter will sprout oats in three days. They have galvanized-iron panels, large glass doors, so light can enter.

3 tray, 50 chicks.....\$11.50



The only grain sprouter with double steel walls made in sections.  
50% to 80% more fall and winter eggs.  
30% to 40% lower production cost.  
Better fertility in winter eggs.  
Quick growth promoting green feed for early chicks.

Indispensable. Fireproof.  
Indestructible. Guaranteed.

Prices and Capacities

No. 2. Base and 2 Sections, 4 trays, holds 16 to 20 Qts. dry grain.....\$15.00  
(For flocks from 75 to 100 hens.)  
No. 3. Base and 3 Sections, 6 trays, holds 24 to 30 Qts. dry grain.....\$18.75  
(For flocks from 130 to 200 hens.)  
No. 5. Base and 5 Sections, 10 trays, holds 40 to 50 Qts. dry grain.....\$25.00  
(For flocks from 400 to 600 hens.)

Clay Pigeon Nest

Made of very high grade and valuable clay.  
Each, 25c. \$2.50 per doz.  
Mailing weight, 4 lbs. each.



All Poultry and Pigeon Bands Postpaid

"Spir-ol Leg Bands." Made of celluloid, in ten colors. Goes on and off like key ring. Five sizes—Baby Chicks or Pigeons. Price, doz., 10c; 25, 20c; 50, 35c; 100 for 50c. Mediterranean, American and Asiatic Classes. Price, doz., 15c; 25, 30c; 50, 50c; 100 for 75c; 1000 for \$6.50.

Leg Bands for Poultry and Pigeons

Size Used for Different Breed. (Order by number.)

No. 1 for Bantams and small Mediterranean females, etc. No. 2 for Ordinary Mediterranean and Pit Game females, etc. No. 3 for Mediterranean males, American females, Pit Game males and French females. No. 4 for medium Asiatic females, Turkey hens, etc. No. 5 for ordinary large Asiatic and Tom Turks, etc.



Champion Adjustable. 12 for 15c. 25 for 25c. 50 for 45c. 100 for 75c.

Double Clinch Leg Band



This is one of the best and most popular bands on the market. A favorite among Poultry and Turkey Raisers on account of its security. 12 for 15c. 25 for 25c. 50 for 45c. 100 for 80c. Postpaid.

Double Clinch Pigeon Bands. 12 for 15c. 25 for 25c. 50 for 45c. 100 for 80c.

Open Pigeon Bands for Marking Day old chicks, etc. 12 for 15c. 25 for 30c. 50 for 45c. 100 for 65c.



Seamless Pigeon Bands. 12 for 25c. 25 for 45c. 50 for 75c. 100 for 1.40.



Pigeon Baths

Made of heavy galvanized iron, 19 inches square, 4 inches deep; capacity, 5 gallons.

Made of galvanized iron, with heavy wire and riveted corners; it is durable and convenient. Each, \$1.50. Medium, round, \$1.25. Small, round, 75c.

Mailing weights, 5 lbs., 3 lbs., and 2 lbs.

The Little Putnam Stove



Price, \$2.00 Each. Postpaid

Description of the Little Putnam Stove

A Little Putnam Stove is nine inches in diameter and four inches high; made of galvanized iron and equipped with a burner which embodies an entirely new principle in oil combustion. Combustion is complete and perfect, doubling the heat value of the oil. The oil tank holds three pints of oil and burns three to four weeks without refilling or any other attention. The stove with any kind of fair usage will last a life-time.

Advantages of the Little Putnam Stove

The advantages which the Little Putnam Stove has over all other devices for keeping water from freezing are:

First—The stove may be used with the same water server used in summer—can, crock or fountain.

Uses of the  
Little Putnam Stove

Used under the drinking vessels of the poultry house to keep the water from freezing in the coldest winter weather.

Used as the heat element for a Putnam home-made oat sprouter.

Second—The stove has to be filled but a few times during the entire winter and never requires trimming. This will be appreciated by those who have used heaters that need trimming or filling almost every day.

Third—The cost of running the stove the entire winter is but from 20 to 30 cents. The expense for oil to run other heaters runs from 75 cents to \$2.00 per season.

Fourth—The Little Putnam Stove does not furnish hot water to the fowls, but water at that tonic temperature which is best relished by them, and which increases the amount of food digested and assimilated, thus promoting growth and increasing the egg supply.

Fifth—It is absolutely essential that a constant supply of unfrozen water be accessible to the fowls at all times if they are to be kept at the top notch of health and productiveness.

Sixth—This stove is absolutely fire-proof and non-explosive. If it is tipped over it will go out. If it becomes buried in the litter it will go out.

The Gilt Edge Egg Scale

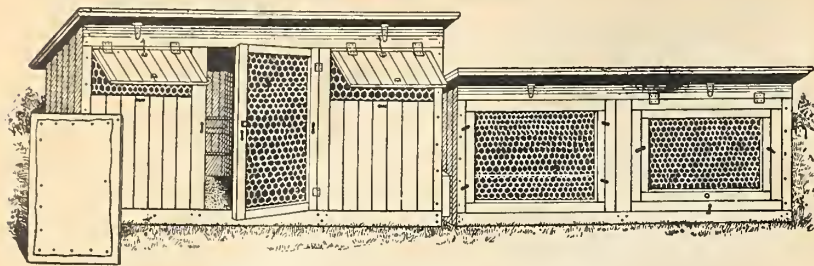


IS ONE OF THE MANY WAYS

Price, 50c Each. Postpaid



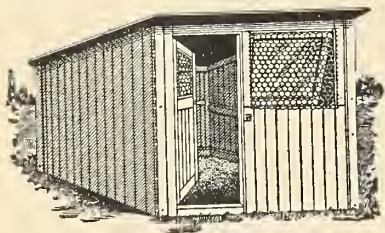
**NO. 8—BOLGIANO'S "SQUARE-DEAL" COMBINED  
LAYING AND SCRATCHING HOUSE**  
Capacity, 12 Birds



**Price Complete, \$30.00, F. O. B. Baltimore, Md.  
Weight, Crated for Shipment, 325 Lbs.**

This house is 68 inches long, 35 inches wide, 44 inches high in front and 32 inches high in back. Scratching house same size, only 8 inches lower—both together making a house nearly 12 feet long. Roof is hinged, so you can care for your birds from front or back. With a house of this kind the scratch house can be altered from one end to the other. These houses are shipped knocked down; easily put together. This house is equipped with patent back with dropping board and roost for cleaning and airing.

**NO. 6—BOLGIANO'S "SQUARE-DEAL" COMBINATION OPEN AND CLOSED POULTRY HOUSE**



Six (6) Feet Wide, Eight (8) Feet Deep and 6½ Feet High Front.  
Price, F. O. B. Baltimore, Md., \$43.00.  
An Extra Charge of One Dollar Will Be Made for All Local Deliveries.

This house has for years been our largest seller. It is an ideal house for the man with thousands of birds as well as the man with a small flock.

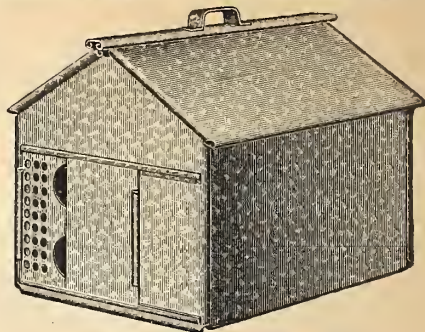
We had these houses especially built for us. They are made of ¾-inch lumber, planed on both sides, tongued and grooved. We supply the best grade of three-ply roofing paper for covering the roof. The house is complete with two roosts, dropping board and four nests.

This house is six feet wide, eight feet deep, six and one-half feet high in front and four and one-half feet in back. Roof has a 3-inch overhang. The front is boarded up three feet, thereby avoiding any direct wind or storm striking the birds, the upper half being wire and a hinged frame to cover with oiled waterproof sheeting, which can be closed on cold nights and stormy weather. This gives the open-front feature with plenty of fresh air, at the same time keeping the birds protected from the weather. These houses are shipped knocked down, and they are easily put together in an hour's time. Shipping weight, 575 lbs.

**"The Amhurst," Our Latest Model**

8 ft. x 8 ft. open front, \$54.50. 8 ft. x 8 ft. closed front with 1 glass window and ventilator, \$59.75, F. O. B. Baltimore, Md.

**The Delphos Superior Galvanized Brooder Coop**



**A Perfect Brooder Coop**

Packed flat and can be put together without any tools. The bottom can be removed in an instant to be cleansed. All Parts slide together in a bead and coop is perfectly rigid.

Can be taken apart and packed away flat, occupying very little space when not in use.

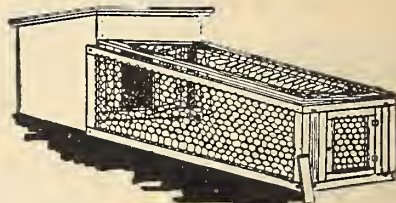
Rat and vermin proof.

A perfect shelter for hen and young chicks.

Size 18 inches wide, 22 inches long, and 18 inches high.

Price \$2.00

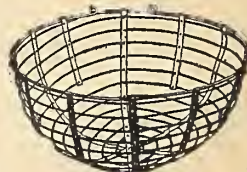
**NO. 15—BOLGIANO'S "SQUARE-DEAL" BROOD COOP AND YARD**



**Price Complete, \$5.75, F. O. B. Baltimore, Md.  
Shipping Weight, Knocked Down, 45 Lbs.**

This coop is made of ¾-inch pine lumber, planed and tongued and grooved. It is 21 inches wide, 22 inches from front to back, 22 inches high in front, 14 inches in back. The roof is hinged and covered with high-grade roofing paper. The wire run is 38 inches long by 21 inches wide and 16 inches high, and is covered with a hinged wired frame. There is a door in both the coop and the run, so arranged that you can let the chickens out and keep in the hen. The coop and run together is five feet long.

**Wire Nests**



These nests are strongly made of Copper wire and strongly braced and will not get out of shape like other nests on the market. Price 25c each. \$2.50 per doz.

Mailing weight, 1 lb. each.

**Medicated Nest Eggs**



They contain a powerful disinfectant, which is guaranteed to drive out all lice and vermin. Each, 6c. Doz., 60c. Not postpaid. Mailing weight, 2 lbs. doz.

**Opal or China Nest Eggs**

White flint, will last a lifetime. 4c each. 2 for 7c. 12 for 35c. Mailing weight, 1 lb. doz.

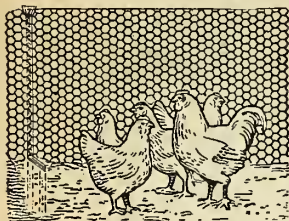
**Chalk Nest Eggs**

15c dozen. Mailing weight, 2 lbs.



### Silver Finish Poultry and Pigeon Wire

Galvanized after weaving. Worth 50 per cent more to the customer than galvanized before weaving.



Hard steel wire. Put up in rolls of 150 feet. Galvanized after weaving. Two-inch mesh.

12 inch, 150 square feet.....	\$1.30
24 inch, 300 square feet.....	2.35
36 inch, 450 square feet.....	3.20
48 inch, 600 square feet.....	4.25
60 inch, 750 square feet.....	5.30
72 inch, 900 square feet.....	6.35



### Pigeon Wire

Galvanized after weaving. One-inch mesh.

12 inch, 150 square feet.....	\$2.95
24 inch, 300 square feet.....	5.40
36 inch, 450 square feet.....	7.35
48 inch, 600 square feet.....	9.85
60 inch, 750 square feet.....	12.30

### Poultry Coop



Made in single compartment, consequently easy to handle and to store away.

On the front and back sections the wires run vertically, and on the side sections horizontally.

The wires on the side sections are spaced to make a narrow mesh, and are so arranged that when the coops are set side by side the wires on the adjoining partitions alternate, making a mesh of one-fourth inch, thus rendering it impossible for the birds to peck or fight each other between the coops.

The use of this design for cooping shows is very effective, as it permits a splendid view of the entire show from any part of the room.

Standard, 24x24x27 ins. high. Price \$1.75.

Wood bottom, 60c.

### Poultry Pen Coop

The construction of the Pen Coop is like the single coops heretofore described.

Has two doors making it especially convenient to secure the birds inside, and which also retains the coop uniformity of the show room.

It can be used as a two-compartment coop by inserting our removable partition. These partitions can be put in or taken out at will.

Made in one size:

48x24x27 inches high. Price.....	\$3.00
Wood bottom .....	1.00
Partition .....	.40

### Medicated Salt Spools

For keeping rabbits in a good healthy condition. 10c each, \$1.00 per doz.

### Water-Proof Sheeting—or Oiled Muslin

For keeping drafts and dampness out of poultry houses. 25c per yard. 1 yard wide.

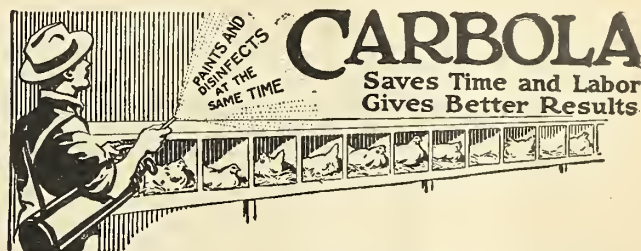


## See That Your Roofs Are in Good Repair to Stand the Winter Storms

### "Certainteed" Asphalt Roofing

Fully guaranteed 5, 10 and 15 years. Put up in rolls of 108 square feet. Nails and cement included.

1 ply, weight about 35 lbs. Price.....	\$1.65
2 ply, weight about 45 lbs. Price.....	1.75
3 ply, weight about 55 lbs. Price.....	2.60



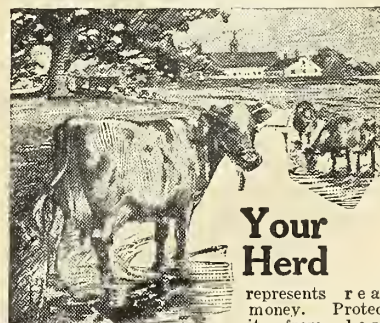
Carbola will make your buildings lighter and sweet-smelling—put them in the cleanly, sanitary shape they must be if you expect the best production from your stock.

### Use It Instead of Whitewash and Disinfectants

in poultry houses, stables, cellars, hog pens, factory and outbuildings. Carbola is used and endorsed by thousands of poultry, dairy and breeding farms in all parts of the country, and by many experiment stations and agricultural schools.

Carbola is a combined disinfectant and paint, or whitewash, that has been thoroughly tested by time under all conditions of climate and temperature. It has gained unqualified endorsement and is used by agricultural colleges, experiment stations and by many of the largest and most carefully conducted poultry, dairy and breeding farms.

Carbola kills lice, mites, fly eggs, etc., and is a preventive of many contagious diseases that affect poultry and live stock—such as roup, white diarrhoea, scaly leg, glanders, cholera, contagious abortion, etc. These diseases are of germ origin, and if once started in a flock or herd, spread rapidly and cause severe money loss.



Carbola comes in powder form, packed in convenient-sized packages, and is ready to use just as soon as it is mixed with cold or hot water.

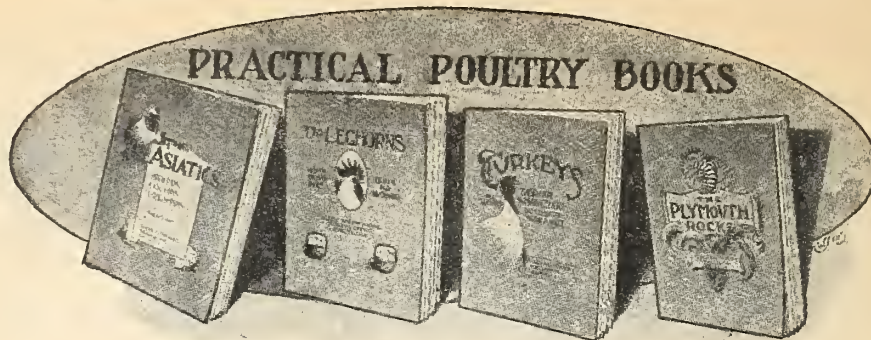
It can be applied with a brush or a spray pump, and positively will not clog the sprayer. One pound of Carbola mixed with one gallon of water has a germicidal strength about 3 times stronger than a 5 per cent solution of pure carbolic acid, which is the standard for general disinfecting purposes, but is neither poisonous nor caustic. One gallon will cover approximately 250 square feet of surface.

### Prices

2 lbs. Trial pkg. . .	\$ .30
10 lbs. (10 gals.) . .	1.25
50 lbs. (50 gals.) . .	5.00







Postage Paid to Second Zone on All Books

Artificial Incubating and Brooding.....	\$1.00
Chick Book, Their Care and Rearing.....	.50
Ducks and Geese (all varieties).....	.75
Leghorns (all varieties).....	1.00
Orpingtons (all varieties).....	.75
Plymouth Rocks (all varieties).....	1.00
Poultry Houses and Fixtures.....	1.00

**"Feeding Poultry For Any Purpose With Profit"**

By John H. Robinson

Size of book 9x12 inches; 112 pages and cover, profusely illustrated. Price, \$1.25.

**"Profitable Culling and Selective Flock Breeding"**

Size of book, 9x12 inches; 120 pages with attractive art cover. Compiled and edited by Homer W. Jackson and Grant M. Curtis. Price, \$1.50.

**"The Mating and Breeding of Poultry"**

Written and compiled by Mr. Harry Lamon and Mr. R. R. Slocum, both of the Department of Agriculture at Washington, D. C. The book bound in cloth and the price \$2.00.

**"Use of Artificial Illumination to Increase Winter Egg Production"**

Size of book, 9x12 inches, consisting of 120 pages and art cover. Price, \$1.50.

**HIGH EGG PRODUCTION**

**By Individual Hens, Pens and Flocks**

By Homer W. Jackson and Grant M. Curtis

A complete guide to profitable production of market eggs. How to breed for increased productive capacity and how to feed and handle fowls in order to secure highest practicable egg yields. Fully illustrated. Price, \$2.00 each.

**"Practical Poultry Production"**

Written and compiled by Mr. Harry Lamon, Head Poultryman, and Mr. Kinghorne, both of the Department of Agriculture at Washington, D. C. This new book contains four hundred pages of valuable information and three hundred illustrations. It is bound in cloth and the price will be \$2.25.

**1923 Edition of American**

**Standard of Perfection**

READER be among the VERY FIRST to get YOUR COPY of the new Standard of Perfection, which is to be the Judges' Guide and Poultryman's Breeding Standard FROM 1923 TO 1931. Price, \$2.50 per copy.



**The Backyard Farmer**

In seventy-five chapters this useful book gives complete and reliable directions for the best cultivation of vegetables, fruit and flowers, the management of poultry and pets, the proper care of the lawn, vines and shade trees, and discusses everything pertaining to the outdoors of the home throughout the year. A book that will be treasured by every person who possesses a garden, large or small, in the city or the country. Price, \$1.25.

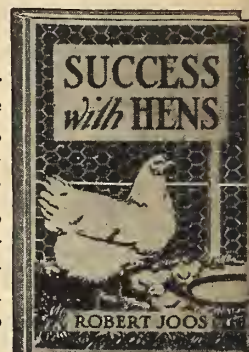
**Selected List of Books on Rabbits, Cavies and Pet Stock**

Cavies for Pleasure & Profit, by Diecke.....	\$1.00
Rabbit Culture and Standard, by Roth.....	.50
The Cavy, by Wagner.....	.50
Cavies, How to Feed, Breed & Condition Them, by Young..	.50
The Grey Parrot, by Greene.....	.65
A. to Z. on Pigeons.....	.75

**SUCCESS WITH HENS**

By ROBERT JOOS

This is a reliable guide to poultry-raising that thoroughly covers the subject by an expert. It is clear, practical and up-to-date. The fifty-five chapters give full directions for the hatching and brooding of chickens, incubation, feeding and housing, increasing the egg supply, cure of diseases, the marketing of eggs and fowls and everything pertaining to the care of hens. Price, \$1.25.



**Making the Farm Pay**, by C. C. Bowsfield, has been received with more enthusiasm than any book published this year on any subject. The critics and farm experts have been unanimous in endorsing the book. Price, \$1.25.

**Plymouth Rock Breed Standard**

Just published

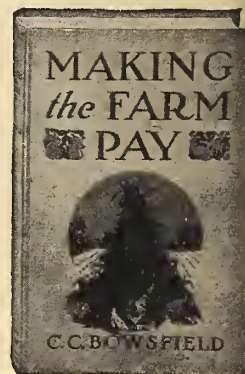
Bound in Cloth, \$3.00

**Valuable Standard Poultry Books**

The Call of the Hen "Hogan."

Price, \$2.25.

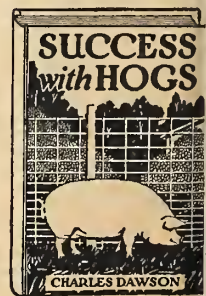
**Successful Backyard Poultry Keeping** by Robinson. Price, \$1.00.



**Success With Hogs**

By Charles Dawson

In this important book everything connected with the raising of hogs is thoroughly treated in a clear, practical and reliable manner by an authority of long and wide experience. It gives the latest and best methods for the feeding, breeding and care of swine. Every hog raiser needs this book to help him take advantage of the present great demand for pork products. Price, \$1.25 net.





*Quality  
Brings  
Success*





# A Few Recen

On March 18th, 1923, G. H. Hood, Manitoba, Winnipeg, Canada, wrote: "I wish to state that in 1918 I purchased a packet of your original John Baer Tomato and had a crop of the finest tomatoes and captured in four successive years first prize in both amateur and professional class at Winnipeg Garden Show, which is a big affair. I grow nothing but this and Sunrise after trying out several other kinds."

On March 12th, 1923, James E. Coomes, Yaphank, N. Y., wrote: "Whenever I get the chance I tell friends that seed purchased from you has always proved satisfactory."

On March 5th, 1923, Mildred Miller, Baltimore, Md., wrote: "I have found your seeds very successful."

On March 5th, 1923, F. P. Lanover, N. J., wrote: "Had very good success with your seeds last year. The Early Bird Pea is a wonder."

On March 7th, 1923, E. F. Redinger, Grafton, W. Va., wrote: "I have raised your Early Bird Peas and Enormous Bush Lima Beans for market for several years and consider them way ahead of any other I have tried. The demand for them is always greater than I can supply."



# nt Voluntary Testimonials

On March 5th, 1923, Harry T. Swope, Lovettsville, Va., wrote: "I have used your seeds many years, and always found them satisfactory and cheaper than other firms, but high in quality."

On March 5th, 1923, Theodore Julia, Alex. Bay, N. Y., wrote: "Having had good luck with your seeds last year, will give you another order this year."

On March 3rd, 1923, P. H. Hailey, Profit, Virginia, wrote: "The Fordhook Bush Limas I ordered of you last year were the nicest I ever saw. The weather was dry, but they bore just the same. I sold \$13.00 worth, besides eating some, from two pounds of seed, and about half of the blooms dropped off from dry weather. I am sending an order for more."

On March 7th, 1923, A. J. Sowers, Camp Creek, Va., wrote: "The onion sets which I've ordered from you are the finest I've ever grown. Everyone around are wanting your seed book."

On March 12th, 1923, Kilio R. Gilbert, Henderson, Md., wrote: "I take pleasure in recommending your seeds to all gardeners and truckers. I had splendid success with all seeds purchased from you last season."

On February 28th, 1923, Mrs. H. C. Tucker, Middletown, N. Y., wrote: "I just want to say we have been using your tomato seed for 15 years now, and think there is no other as good."

On March 7th, 1923, L. I. Peed, Newland, Va., wrote: "I have tried Garden Seed from several firms, but have had more success with Bolgiano's than any I have tried. Have found them true to name, of strong germination and vigorous growers, and can recommend them to anyone wanting the best in seeds. I have been especially successful with your Early Fortune Cucumbers and California Wax Beans."

On March 9th, 1923, The Drake Plant Co., Norfolk, Va., wrote: "We were very much pleased with the last seed from you."

On March 7th, 1923, Fred M. Dietz, Warren, Mich., wrote: "I recommend your seeds wherever I can, as I always found them very good ever since I started to use them in Maryland in 1914."

On March 5th, 1923, Wallace C. Ougheltree, Dover, Del., wrote: "Am pleased to state that I had wonderful success last season with Bolgiano's Greater Baltimore Tomato Seed, and raised 300 baskets per acre using this variety. Please send me only Greater Baltimore Seed."



*What  
We  
Have  
Done  
For Others  
We  
Can  
Do  
For You.*

**The J. Bolgiano Seed Co.**

**Everything for the Farm, Garden,  
Lawn and Poultry Farm**

**Baltimore, Maryland**



EXTRA ORDER BLANKS  
AND ENVELOPES FURNISHED  
ON REQUEST.

STORES AND  
GENERAL OFFICES.  
PRATT, LIGHT AND  
ELLIGOTT STS.



**BOLGIANO'S PIER  
SEEDS AND GRAINS  
KEY HIGHWAY AND  
THE HARBOR.**



PLEASE DO NOT WRITE IN ABOVE SPACE

ANSWER YES OR NO.

[illegible]

OVER



[illegible]

CUSTOMER - PLEASE DO NOT WRITE IN SPACE BELOW

DATE FILLED

PACKED BY

FILLED BY

SHIPPED BY

CHECKED BY

POSTAGE

PRICED BY



When Sending Us Money Use This Application. Take it to Your Postmaster and Procure a Money Order. If Not a Money Order Office, Send Remittance by Registered Mail.

**PURCHASER MUST SEND ORDER (ON BLUE PAPER) TO PAYEE.**

Stamp of Issuing Office

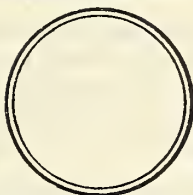
Form No. 6002.

**DOMESTIC.**

Dollars

Cents

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Fee.....cents

No.....

Space above this line is for the Postmaster's record, to be filled by him.

## Application for Money Order.

Amount.....Dollars.....Cents.

**Sent to** The J. Bolgiano Seed Co.

Street and No. Pratt and Light Streets,

City or town BALTIMORE,

State MARYLAND

**Sent by** \_\_\_\_\_

Address of sender : No. \_\_\_\_\_ Street \_\_\_\_\_



# Fees for Money Orders.

Payable in the United States (which includes Guam, Hawaii, Porto Rico and Tutuila, Samoa); also for Orders payable in Canada, Cuba, Newfoundland, the United States Postal Agency at Shanghai (China), and the Philippine Islands.

For Orders for sums not exceeding \$2.50	..... 3 cents.
Over \$ 2.50 and not exceeding \$ 5.00	..... 5 cents.
Over \$ 5.00 and not exceeding \$ 10.00	..... 8 cents.
Over \$10.00 and not exceeding \$ 20.00	.....10 cents.
Over \$20.00 and not exceeding \$ 30.00	.....12 cents.
Over \$30.00 and not exceeding \$ 40.00	.....15 cents.
Over \$40.00 and not exceeding \$ 50.00	.....18 cents.
Over \$50.00 and not exceeding \$ 60.00	.....20 cents.
Over \$60.00 and not exceeding \$ 75.00	.....25 cents.
Over \$75.00 and not exceeding \$100.00	.....30 cents.

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## Memoranda of Issuing Postmaster:

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NOTE.—The maximum amount for which a single Money Order may be issued is \$100. When a larger sum is to be sent additional Orders must be obtained. Any number of Orders may be drawn on any Money Order office; but, if Orders are drawn in excess of \$200 on any one day upon an office of the 4th class, notice of the fact by letter (or Form 6037) is to be promptly sent the Department by the Issuing Postmaster so that provision may be made for payment.

Applications must be preserved at the office of issue for four years from date of issue.

[Revised May, 1904.]







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(OVER) **THE J. BOLGIANO SEED CO., Successor**



# **SPECIAL 15% DISCOUNT**

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**Market Gardeners and Truckers**  
may deduct 15% from the prices printed in this catalog on all orders amounting to \$3.00 and over for Garden Seed excepting ONION SETS and POTATOES

**This Special DISCOUNT Applies to**

**Garden Seed Only**

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**And**

**Does Not Include Any Other Items**

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The hearty response which our offer of this Special Discount met with last year indicates it is appreciated by our customers and prompts us to repeat it this year. Send us your orders early as some items are short and will be unobtainable, we believe, early in the season.

***The J. Bolgiano Seed Co.***  
***Baltimore, Md. (Only)***

**WE HAVE NO BRANCHES**







# BOLGIANO'S

## "PRIZE BEAUTY"

### *Flower Garden Collection*

*Bolgianos  
Orchid Flowered  
Sweet Peas  
Boundless  
Spencer  
Type Mixed*

*Bolgianos Giant  
Flowering Dwarf  
Nasturtiums*

*Bolgianos  
Perfection  
Sweet William*

*Bolgianos  
Giant Crego  
Comet  
Asters*

*Bolgianos  
Magnificent Finest  
Mixed Giant Show Pansies*

*Bolgianos  
Hardy Giant  
Oriental Poppy*

*Bolgianos  
Giant Linnias*

*Bolgianos Dwarf  
Bonfire Scarlet Sage*

ONE LARGE 10¢  
PACKAGE OF EACH  
OF THESE EIGHT  
CHOICE FLOWER  
SEEDS FOR 50¢  
POSTPAID

*Each fully  
described in  
catalog*



# BOLGIANO'S

## "BOUNTIFUL"

### *Vegetable Garden Collection*

6 LARGE  
10¢ PKTS.  
FOR 50¢  
POSTPAID



*Bolgiano's Black  
Valentine Beans*

*Bolgiano's  
Charleston  
Wakefield  
Cabbage*

*Bolgiano's  
Ruby King  
Radish*

*Bolgiano's  
Easy  
Blanching  
Celery*

*Bolgiano's "Early  
Fortune" Cucumber*

*Bolgiano's  
Early Dawn  
Squash*

WE HAVE NO  
BRANCH HOUSES

**The J. BOLGIANO SEED COMPANY**

**BALTIMORE, MARYLAND**

*Seed Growers, Importers, Distributors*

FOUNDED 1818  
INCORPORATED 1921